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1924 ANNUAL  
FOR  
GARDEN AND FARM



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SEEDS FOR  
SOUTHERN  
PLANTERS  
U.S. Department of Agriculture


# Buxton White Seed Co.

15 SOUTH WATER STREET  
ELIZABETH CITY, N. C.




Thomas Laxton  
Peas.

Surecrop String-  
less Wax Beans.



Golden Bantam  
Sweet Corn.



Excel  
Watermelon.

COVER  
COLLECTION  
One large 10c pkt.  
of each of these  
FOUR CHOICE  
VEGETABLES  
for 30c, postpaid.





## What B. W. Quality Means to You

We wish that it could be possible for us to meet and greet personally each and every one of our thousands of mail order customers, just as we do our friends in and around Elizabeth City at our retail store. This personal, intimate contact would prove to our mutual advantage. Since this is plainly impossible, we want you to know us as well as you can at long range. And we are always delighted to have your letters, photographs and experiences which bring us closer together and may give us the opportunity of being of some service to you.



Buxton White.

For the sake of better acquaintance, we relate the following brief facts. The Buxton White Seed Company is a partnership of Buxton White and L. Curtis Baum, Jr. In 1915 Buxton White was graduated from the North Carolina State College of Agriculture, completing the four-year course in Horticulture. He immediately connected himself with the U. S. Department of Agriculture, co-operating with the North Carolina Agricultural Experiment Station as a plant breeding agronomist. In this capacity he was engaged in the testing of plant varieties to determine the ones best suited to the various sections and the breeding up of the chosen varieties to obtain improved strains. His work was interrupted by the World War, in which he volunteered and served with a machine gun battalion in France. While overseas, he had the opportunity to visit some of the largest European seed firms and growers and study their methods. Upon return to civil life in 1919 the Buxton White Seed Company was given birth. Mr. White is also author of several Experiment Station bulletins and articles on agricultural subjects for farm papers.

L. Curtis Baum, Jr. was a student in the North Carolina State College of Agriculture for three years, until the World War interrupted his technical training. He was with the Government in shipping and transportation for one year, after which he returned to his old home in Currituck county and engaged in extensive truck farming and the growing of field crops of all kinds. In this field he made a decided success until he entered the seed business, where his experience has been of great value. With all the others of

our organization, it has been our policy to employ only practical, experienced men who are familiar with seeds and correct agricultural practices.

Our organization and facilities equip us as seedsmen. A seedsman's services are of a more professional nature than any other form of merchandising, as his business must be built on the faith of his customers. The outward appearance of seeds means very little, if anything, as to what may be expected of the resulting crop, and the planter must put his dependence in his seedsman. We do not sell you mere seeds, for our vision is fixed far ahead on the finished product—tender peas; sweet, plump-grained ears of corn; crisp salads; melons that make the mouth water; radishes of pungent flavor; beautiful, fragrant flowers that glorify the garden and gladden the home. A seedsman's ideal of service is to supply his customers seeds and bulbs of the highest quality, grown under his supervision, where every stage of production and distribution is under his direct control. Such goods he can offer with supreme confidence that when given proper care their use will result in satisfaction.

To secure the best seed of a given kind it must be grown in that part of the world where it matures most nearly to perfection. For this reason, B. W. Quality Seeds are grown in many sections, but regardless of locality, they are from the finest pure-bred strains, grown under our own supervision or under private contract with the most competent grower of that particular variety. In addition to the care in production, we further safeguard our customers with tests for germination and purity, and trial-ground tests for trueness to type. The fact that the volume of our sales has practically doubled each year that we have been in business should be conclusive evidence that we have fully justified the faith and confidence of our customers.

It has been our purpose to fill this little book full of facts that will help you to success—study it carefully. We cannot count on your satisfaction until the seeds you get from us have made a good harvest, and our continued growth depends on your satisfaction.

REMEMBER: We will be just as much interested in your success in gardening as you are. So, if you have especially good results, we will be greatly pleased to hear of them; if you experience any difficulties, we may be able to help you, write us. If you are lucky enough to get a good picture of unusual results, send it along and let us share in your pleasure.

Wishing for you much prosperity and happiness in 1924, and awaiting the opportunity to serve you now, or at any time throughout the year, we are

Faithfully yours,



L. Curtis Baum, Jr.



**Buxton White Seed Co.**



## SEEDS AND SUPPLIES

*Buxton White Seed Co.*

## Seed Growers and Merchants

***15 S. Water St. - Elizabeth City, N. C.***

**Buxton White Seed Company** gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and will not be responsible for the crop.

**Please Do Not Write Here**

Date Received.....

Date Filled.....

Filled by.....

Shipped by.....

Order No.....

Date.....192.....

Dear Sirs:

Please forward the following order as per the terms of your catalogue for which find enclosed.

**Name**.....  
(Write plainly—Ladies will please put the prefix Miss or Mrs.)

**Post-Office**.....  
(Write plainly)

**Express Office.....**

Shipping Point.....

County.....

Box No.....

R. F. D. No.....

**State**.....

*For full instructions about ordering see page 1 in our catalogue.*

**PLEASE NOTE**—We pay postage on **packets, ounces, quarter pounds and pounds** of seeds as specified in catalog; all other prices, except where noted, are based on customers paying express or freight. Prices on **poultry supplies** are not prepaid.

AMOUNT ENCLOSED

Loose money is not safe unless sent by registered mail.

P. O. Order, \$.....

Express Order, \$.....

Check or Draft, \$.....

Cash, \$.....

Stamps, \$.....

Total, \$.....

[illegible]

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**Extra Order Sheets and Return Envelopes Furnished on Request.**

[illegible]

By carefully checking this list before sending your order, a great saving may be made in transportation cost, and you may also find that an important and an immediate necessity has been omitted.

Garden Seeds	Lawn Grass	Inoculating	Sprayers	Poultry Foods	Poultry Remedies
Field Seeds	Fertilizers	Cultures	Garden Tools	and Supplies	Incubators and
Flower Seeds	Bulbs	Insecticides	Seed Sowers		Brooders

**When Ordering Write Below** The names of several of your neighbors or friends who have not received our catalog but who you believe might order from us. For your kindness we shall be glad to send you some extra seeds along with your order.

[illegible]



# How to Order B. W. Quality Seeds Read Carefully

**Order Early.**—Kindly place your order early so as to assist us in getting it out promptly.

**Your Order,** whether large or small, will receive our prompt and careful attention.

**We Deliver Free,** anywhere in the United States all seeds by the packet, ounce, quarter-pound and pound, except where otherwise noted.

**How to Send Money.**—Money may be sent by post-office order, bank draft, express money order or registered letter. If your order amounts to \$1.00 or more, it is best to send by one of these methods. Stamps in small amounts will be accepted.

**C. O. D. Shipments.**—Our terms are cash with order from unknown correspondents. We ship no goods C. O. D., unless purchaser remits, in advance, sufficient money to pay transportation charges.

**Name, Address, etc.**—When ordering, give name and full address. Many orders are received without the name or post-office address of sender. It is impossible to fill such orders until they are identified.

**Write Plainly.**—In ordering goods sent by freight or express, write plainly your express or freight office, county and State in full, giving name of express or railroad company by which you wish them sent.

**Please Note.**—If goods do not arrive promptly after you receive our advice of shipment, please let us know, and we shall have them traced at once. **If only part of the order is received, please wait a few days for the remainder before writing us.**

**Our Guarantee.**—While we guarantee all seeds which we send out to be strictly fresh and to have shown a high germination test, still crops are contingent upon so many conditions of soil and weather, time and manner of planting, cultivation, etc., over which we have no control, that we cannot be responsible for the product, and we give no warranty, express or implied, as to the description, quality, or productiveness of any seeds, plants or bulbs we send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these conditions, they are at once to be returned.

**Correspondence.**—Proper attention is given to all letters of inquiry. If we can be of any service to you when you are laying out your garden, or making up your order, please command us.

**Testimonials from Customers.**—We are always pleased to hear from our customers regarding the results of their gardens. Photographs of gardens and particularly of vegetables and flowers, are thankfully received by us.

**Counter Customers.**—We suggest to those who purchase in person at our store the advantage of having their lists made out before they call. In any case it is a great saving of time to the purchaser. The list should have full name and address written on it so that our catalogs may be mailed to the purchaser as issued. We also urge early purchases. January and February are good months in which to purchase.

**Prices quoted in this catalog are subject to change without notice.**

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*Kindly place your order early, so as to assist us in getting it out promptly.*



# Helpful Hints

## on

# Gardening



**PROPER LOCATION**—As success in gardening is, to a considerable extent, dependent on a suitable location, select the best drained and most favorable spot available. The morning sun, which is most desirable, should if possible reach all parts of the garden, and near proximity to trees should be avoided. Trees not only furnish more shade than is desirable, but their roots rob the soil of both moisture and nourishment, which the growing crops should have.

**GOOD SOIL**—A rich sandy loam, free from the tendency to bake into a hard crust, is best, but a fair degree of success can be obtained from any soil that can be made rich and friable.

**LIBERAL MANURING**—A soil which does not need enriching for best results is rarely ever found and very often the degree of success is in proportion to the quantity of fertilizer applied. Thoroughly rotted stable manure where straw bedding has been used is best; where sawdust has been used for bedding the manure is not so good. Often wood ashes at the rate of one-half to one bushel to 300 square feet will be very beneficial. Liming is very essential for old gardens or where the soil is inclined to be acid.

When good stable manure is not available, pulverized sheep manure and bone meal are the best substitutes, or commercial fertilizers may be used at the rate of six to twelve pounds to 300 square feet. The more concentrated forms, such as Nitrate of Soda, Sulphate of Ammonia, etc., may be applied at the rate of one to six pounds for this area, the larger amounts preferably in three or four applications at about ten day intervals. A lump of any of the commercial fertilizers, even if no larger than a quarter of an inch in diameter, is liable to kill any seed or young plant with which it comes in contact, so it is important when using such fertilizers that they be thoroughly pulverized and mixed with the soil.

**CAREFUL PREPARATION**—Without thorough preparation rich soil and liberal manuring will avail little. The soil must be made friable by thorough and judicious working. If this is well done all that follows will be easy. If it is neglected, only partial success is possible and that at the cost of a great deal of hard work.

The garden should be plowed or dug to a good depth, taking care, if the soil is sticky, not to work it when too wet. If a handful molds with light pressure into a ball which cannot be easily crumbled into fine earth again, the soil is too wet and if stirred then will be hard to work all summer. The surface should be made as fine and smooth as possible with the harrow or rake. It is generally desirable to plow the whole garden at once in time for the earliest crops, but the part which is not planted for some weeks should be kept mellow by frequent cultivation.

**GOOD SEEDS CORRECTLY PLANTED**—Hasty, careless and improper sowing of the seed is the greatest source of disappointment and failure among amateur gardeners. The seed contains a minute plant enclosed within a more or less impervious shell with enough plant food stored in and around the germ to sustain it until the plant can spread its leaves, form roots and provide for itself. Moisture, heat and a certain amount of air are

necessary to secure germination. To start growth the seed first absorbs water and swells. The starchy matters gradually become soluble. The seed coats are ruptured, the rootlets emerge to go downward and the stemlet starts upward. This growth is maintained for a time on the stored food, until gradually the plantlet gets a foothold in the soil and gathers food from the soil and air. Germination is complete when the little plant begins to shift for itself.

A dry seed may retain its vitality for years, but after germination has commenced a check of a day or two in the process may be fatal. There is no time in the life of a plant when it is so susceptible to injury from improper conditions as at the period between the beginning of germination and the formation of the first true leaves. Just at this time the gardener should aid in securing favorable conditions. These are:

**First**—A proper and constant amount of moisture. The soil should always be moist, never wet. To secure this cover the seed as soon as it is planted with well pulverized, freshly prepared earth pressing it firmly over the seed. This firming of the soil is very important as it brings the particles of earth into close contact with seeds and roots, prevents drying out and facilitates quick growth. In small gardens the best results may be obtained by laying a board on the row and then walking on the board, or the back of the hoe may be used, but for truck farms and field crops a roller is equally satisfactory.

**Second**—A proper degree of heat, secured by sowing the seed when the temperature of the soil is that most favorable to the germination of the seed of that particular plant. Either too high or too low a temperature is detrimental. The suggestions as to time of sowing given in this catalog are a safe guide, but of course, judgment should be used, seasons varying greatly in different years. The experience of the most successful gardeners in your vicinity is valuable in this connection.

**Third**—Covering the seed to such a depth that while a uniform heat and moisture is preserved the necessary air can readily reach the germinating seed and the tiny stem can push the forming leaves into the light and air. This depth will vary with different seeds and conditions of the soil and must be learned from practical experience. A rough rule is to cover the seed to a depth equal to four times its diameter.

**Fourth**—Such a condition of soil that the ascending stem can easily penetrate it and the young roots speedily find suitable food. This can usually be secured by thorough preparation of the ground and never sowing fine seeds when the ground is too wet. Occasionally a heavy rain followed by a bright sun will so bake and crust the surface that it is impossible for the young plant to find its way through. Again, a few days of strong wind will so dry the surface that the young plants will be killed. In such cases the only remedy is to plant again.

**JUDICIOUS CULTIVATION**—Not only should every weed be removed as soon as it appears, but the crust which forms after a rain should be broken up and the ground stirred as soon as it is dry enough to permit. While the plants are young the more frequently and deeply



the soil is stirred the better, but as they grow and the roots occupy the ground, cultivation should be shallower until it is a mere stirring of the surface. To cultivate too deep and close after the roots begin to fully occupy the ground will decidedly lower the yield and quality of the crop. Remember that a small garden, well cultivated and cared for, will give larger returns and more satisfaction than a larger one poorly prepared and neglected.

**NECESSARY SPRAYING**—Plant diseases have become so prevalent as to make spraying almost necessary to the perfecting of many crops. We list in the back of this catalog a complete line of spray materials for plant diseases and injurious insects, and sprayers and dusters.

**THE COLD FRAME**—The purpose of the cold frame is to foster plant growth by warding off colds wind, keeping the ground warm during the winter and early spring, and increasing the feeble warmth of the slanting sunbeams.

The construction of a cold frame is very simple. The back board is usually twelve to fourteen inches wide and the front board six to eight inches wide. These are joined together by a tapered board six feet long, wide as the back board at one end and tapered down to the width of the front board at the other. The frame may be made as long as required, but should have a cross-tie every 3 feet to support the sash, which is 3x6 feet. Set the frame in a sheltered, well drained place with Southern exposure.

Fill the frame with good soil to within six inches deep in front and eight inches at the back. Make shallow furrows three or four inches apart across the surface of the soil in the frame, and sow the seed in these. Cover the seed thinly and firm the soil over them with the hands or a piece of board. Water moderately with a fine spray and place the sash on snugly to remain until the seedlings appear. After the plants are up the sash should be tilted back during the warm part of the day to admit fresh air, in order to make the plants sturdy. As the seedlings grow, remove the sash both day and night during favorable weather, but replace as a protection against wet, muggy weather. As an additional protection, in very cold or stormy weather the closed sash may be covered with mats which may be bought for that purpose, or with straw.

As soon as the plants are large and strong enough and danger of frost is over, transplant to the open ground.

**THE HOTBED**—To secure a supply of early vegetables, a hotbed is indispensable. Such seeds as endure little cold may be sown in hotbeds very early in the season, so that by the time it would be safe to plant them in the open the plants are well established, and in the case of many vegetables, nearly ready to begin fruiting. A serviceable hotbed frame may be made in the same manner as described above for the cold frame, but making all joints and cracks tight and having the back two feet high, sloping down to eighteen inches at the front. Regulation sash, 3x6 feet, can be had from dealers cheaper than it can be made at home. Dig the pit a foot wider than the frame, and two feet deep, boarding up the sides to prevent caving in of the earth. The bed proper is made of fresh horse stable manure, containing a liberal quantity of bedding straw. The manure should be forked over, shaken apart and if dry, watered and allowed to stand a few days, when it should be forked over again, piled and allowed to heat a second time, the object being to get the entire mass into a uniform fermentation. It is then ready to be heaped into the pit until it is above the level of the ground, and packed firm and level. Set the frame upon this, water well, and put the sash in place. As soon as the heat rises, as indicated by the gathering of moisture on the glass, remove the sash and fill in on top of the manure with eight to ten inches of fine, dry, loamy garden soil, spreading it smoothly and evenly. Then replace the glass, and when the bed is warm again sow the seeds broadcast or in drills. It is very important to use dry soil and to allow the first rank heat to pass off before sowing seeds. Seedsmen are often blamed for non-germination of seeds when the fault was the failure to observe this precaution.

Water as often as necessary with tepid water, and when the plants appear admit air freely, except in freezing weather, to prevent "damping off." In frosty weather air may be given in the middle of the day by raising one end of the sash an inch or two. When the temperature is very low cover at night with mats or straw. As the plants become strong, accustom them gradually to the air by taking the sash off entirely during the day, and only partially closing them on mild nights.

## Make Your Garden Work the Year Round

Many people think that seeds cannot be planted any other time than in April and May. This is far from true. The wide-awake gardener begins sowing as early in the spring as possible and sows succession crops throughout the summer and until late in the fall. Succession crops

are most important, since they provide fresh vegetables for fall and winter use. A cellar full of stored vegetables is a good investment. Grow all the vegetables your garden can produce. Eat them fresh, evaporate them, can them, store them, and be independent of high food prices.

## What and When to Sow--Each Month of the Year

**JANUARY**—Sow in the open ground.—Early Peas, Irish Potatoes, Radish.

**Sow in hot bed:** Beets, Forcing Carrots, Cauliflower, Radish.

**FEBRUARY**—Sow in the open ground.—Asparagus Roots, Beets, Carrot, Herbs, Leek, Onion, Onion Sets, Early Peas, Irish Potatoes, Radish, Rhubarb Roots, Spinach, Spring Turnip.

**Sow in hotbed.**—Cucumber, Egg plant, Lettuce, Onion, Radish, Tomato.

**MARCH**—Sow in the open ground.—Artichoke Roots, Asparagus Roots, Beets, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Endive, Herbs, Spring Kale, Leek, Lettuce, Mustard, Onion, Onion Sets, Parsley, Parsnip, Wrinkled Peas, Irish Potatoes, Radish, Rhubarb Roots, Spinach, Spring Turnip.

**Sow in hotbed.**—Cucumber, Musk Melon.

**APRIL**—Sow in the open ground.—Artichoke Roots, Snap Beans, Lima Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Cauliflower, Corn, Cucumber, Endive, Leek, Lettuce, Melons, Onions, Onion Sets, Parsley, Parsnip, Wrinkled Peas, Pepper, Rhubarb Roots, Salsify.

**MAY**—Sow in the open ground.—Snap Beans, Lima Beans, Beets, Cabbage, Carrots, Celery, Corn,

Cucumber, Kohl Rabi, Endive, Lettuce, Melons, Okra, Peas, Pepper, Pumpkin, Radish, Salsify, Squash, Tomato.

**JUNE**—Sow in the open ground.—Snap Beans, Lima Beans, Beets, Stock Beets, Cabbage, Collards, Carrots, Cucumbers, Corn, Endive, Lettuce, Melons, Okra, Pumpkin, Radish, Salsify, Tomato.

**JULY**—Sow in the open ground.—Snap Beans, Lima Beans, Beets, Stock Beets, Cabbage, Carrot, Collards, Corn, Cucumber, Scotch Kale, Lettuce, Okra, Pumpkin, Radish, Salsify, Tomato, Turnips.

**AUGUST**—Sow in the open ground.—Snap Beans, Beets, Stock Beets, Swiss Chard, Carrot, Collard, Kale, Mustard, Early Peas, Irish Potatoes, Radish, Spinach, Turnips.

**SEPTEMBER**—Sow in the open ground.—Snap Beans, Beets, Cabbage, Carrot, Cauliflower, Kale, Lettuce, Mustard, Onion, Onion sets, Winter Radish, Spinach, Turnip.

**OCTOBER**—Sow in the open ground.—Cabbage, Cauliflower, Lettuce, Onion, Onion Sets, Radish, Spinach, Turnip, Turnip for Salad.

**NOVEMBER**—Sow in the open ground.—Radish, Spinach, Turnip for Salad.

**DECEMBER**—Sow in the open ground.—Radish, Spinach.



# Handy Planting Table

Hundreds of Questions are Answered by this Carefully Prepared Table.

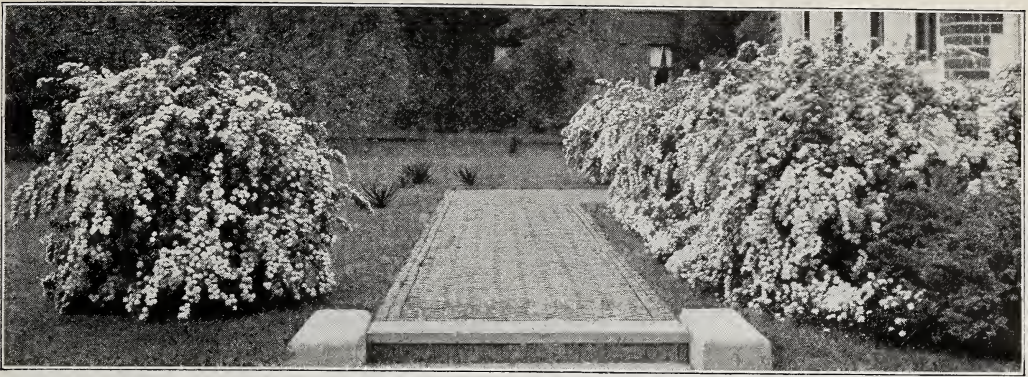
Variety.	When to Plant	Quantity For 100 Feet.	Quantity For an Acre.	Distance Between Rows.	Distance Apart in Row.	Depth to Plant.	Pounds to the Bushel.
Alfalfa.....	Mar., April—Aug., Sept.	Broadcast.	20 to 30 lbs.	Broadcast.	Broadcast.	$\frac{3}{4}$ to 1 inch.	60 lbs.
Asparagus Roots.....	Spring and Fall.	50 to 65 roots.	5,000 to 7,000.	4 to 6 feet.	18 to 24 inches.	4 inches.	4 inches.
Beans, Dwarf Snap....	April to Sept.	1½ lbs.	100 lbs.	2 to 3 feet.	3 inches.	2 inches.	60 lbs.
" Pole.....	May and June	1 lb.	30 lbs.	4 feet.	3 to 4 feet.	2 inches.	60 lbs.
" Dwarf Lima....	May, June, July.	1 to 1½ lbs.	30 to 60 lbs.	3 feet.	15 to 18 inches.	1½ inches.	56 to 60 lbs.
" Navy.....	June and July.	1 lb.	15 lbs.	3 feet.	1 foot.	2 inches.	60 lbs.
" Soy or Soja....	April, May, June	1 lb.	15 lbs.	2½ to 3 feet.	6 inches.	1 to 3 ins.	60 lbs.
" Velvet.....	May and June.	.....	$\frac{1}{4}$ to $\frac{1}{2}$ bu.	4 ft.	2½ 3 ft.	$\frac{1}{2}$ to 4 ins	60 lbs.
Beets, Garden.....	March to August.	2 ozs.	6 to 8 lbs.	15 to 18 ins.	4 inches.	1 inch.	.....
" Stock.....	April, May, June.	2 ozs.	6 to 8 lbs.	2 to 2½ feet.	8 inches.	1 inch.	.....
Broom Corn.....	May and June.	2 ozs.	6 lbs.	3½ feet.	4 to 5 ins.	1 inch.	48 lbs.
Brussels Sprouts.....	May, June, July.	1 oz.	$\frac{1}{4}$ lb.	2½ to 3 feet.	18 inches.	1 inch.	.....
Cabbage, Early.....	Jan. to June, Sept., Oct.	1 oz.	6 ozs.	2½ to 3 feet.	18 inches.	1 inch.	.....
" Late.....	April to July	1 oz.	6 ozs.	3 feet.	2 feet.	1 inch.	.....
Carrot.....	March to August.	1 oz.	3 to 4 lbs.	12 to 24 ins.	3 to 4 ins.	1 inch.	.....
Celery.....	Feb., Mar. and April	$\frac{3}{4}$ oz.	3 lbs.	2 to 4 feet.	6 to 8 ins.	$\frac{3}{4}$ inch.	.....
Chufas.....	April to July	1 lb.	1 to 1½ pks.	2½ to 3 feet.	15 to 18 ins.	2 inches.	40 lbs.
Clover, Burr.....	July to November	Broadcast.	20 to 25 lbs.	Broadcast.	Broadcast.	1 inch.	.....
" Crimson.....	July to October.	Broadcast.	15 lbs.	Broadcast.	Broadcast.	1 inch.	60 lbs.
" Japan.....	March and April.	Broadcast.	10 to 15 lbs.	Broadcast.	Broadcast.	1 inch.	25 lbs.
" Sweet.....	April, May—Aug. to Nov.	Broadcast.	20 lbs.	Broadcast.	Broadcast.	1 inch.	.....
" Other Kinds....	Feb., Mar.—Aug. to Nov.	Broadcast.	10 to 12 lbs.	Broadcast.	Broadcast.	1 inch.	60 lbs.
Collards.....	March to August	1 oz.	$\frac{1}{4}$ lb.	2½ to 3 feet.	2 feet.	1 inch.	.....
Corn, Garden.....	April to July	Lb., 100 hills.	10 to 12 lbs.	3 feet.	12 to 18 ins.	1 to 2 ins.	.....
" Field.....	April to July	Lb., 100 hills.	10 to 12 lbs.	3½ to 4 feet.	12 to 18 ins.	2 inches.	56 lbs.
Cucumber.....	April to July.	Oz., 50 hills.	2 lbs.	4 feet.	4 feet.	1 inch.	.....
Egg Plant.....	Feb., Mar., April.	$\frac{1}{2}$ oz.	6 ozs.	3 feet.	3 feet.	1 inch.	.....
Endive.....	August.....	$\frac{1}{2}$ oz.	1 lb.	18 inches.	1 foot.	1 inch.	.....
Kale, Spring.....	Feb. to Apr., Aug. to Oct.	2 ozs.	8 lbs.	18 to 24 ins.	6 inches.	1 inch.	.....
" Winter.....	Feb., Mar., Aug. to Oct.	1 oz.	4 to 5 lbs.	18 inches.	6 inches.	1 inch.	.....
Kohl Rabi.....	March to July	1 oz.	1 lb.	18 inches.	5 to 6 ins.	1 inch.	.....
Lettuce.....	Feb. to May, July to Oct.	1 oz.	2 lbs.	8 to 12 ins.	18 inches.	1 inch.	.....
Leek.....	Feb., March, Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	4 to 6 inches.	1 inch.	.....
Mustard.....	Feb., Mar., Apr., Sept., Oct.	1 oz.	5 to 6 lbs.	6 to 12 ins.	3 to 4 ins.	1 inch.	.....
Melon, Musk, or Cantaloupe.....	May and June.	Oz., 50 hills.	2 lbs.	4 to 6 feet.	4 to 6 feet.	$\frac{3}{4}$ to 1 inch.	.....
Melon, Water.....	May and June.	Oz., 30 hills.	3 lbs.	8 to 10 feet.	8 to 10 feet.	1 inch.	.....
Millet, Golden.....	May, June, July.	Broadcast.	1 bus.	Broadcast.	Broadcast.	1 inch.	50 lbs.
Oats.....	Feb. to Apr., Sept., Oct.	Broadcast.	2 to 3 bus.	Broadcast.	Broadcast.	1 to 2 ins.	32 lbs.
Okra.....	April, May, June.	3 ozs.	8 to 10 lbs.	3 feet.	1 foot.	1 inch.	.....
Onion.....	Jan., Feb.—Aug., Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	3 to 4 ins.	1 inch.	.....
Parsley.....	Feb., Mar.—Sept., Oct.	1 oz.	4 to 5 lbs.	12 to 18 ins.	2 to 3 ins.	1 inch.	.....
Parsnip.....	March to June 15th.	$\frac{1}{2}$ oz.	5 lbs.	18 inches.	4 to 6 ins.	1 to $\frac{1}{2}$ inch.	.....
Peanuts.....	May and June.	1 lb.	35 to 40 lbs.	2½ to 3 feet.	8 to 10 ins.	2 to 2 ins.	22 lbs.
Peas, Garden.....	Feb. to May.	2 lbs.	90 lbs.	2½ to 3 feet.	3 to 4 ins.	2 to 3 ins.	56 to 60 lbs
" Cow.....	May, June, July.	Broadcast.	1 to 1½ bus.	Broadcast.	Broadcast.	2 inches.	60 lbs.
" Canada Field..	Jan., Feb., Mar.	Broadcast.	1½ bus.	Broadcast.	Broadcast.	4 inches.	60 lbs.
Pepper.....	Feb. to July.	Oz., 1000 plts.	$\frac{1}{2}$ to $\frac{1}{4}$ lb.	18 inches.	2 to 3 feet.	1 inch.	.....
Potatoes, Early.....	Mar., April.	$\frac{1}{2}$ peck.	10 to 12 bus.	3 feet.	15 inches.	4 inches.	60 lbs.
" Late.....	June, July.	$\frac{1}{2}$ peck.	10 to 12 bus.	3 feet.	15 inches.	4 inches.	60 lbs.
Pumpkin.....	May and June.	Oz., 20 hills.	3 lbs.	8 to 10 feet.	8 to 10 feet.	1 inch.	.....
Radish.....	Feb. to May, Aug. and Sept.	2 ozs.	8 to 10 lbs.	18 to 24 ins.	4 to 6 ins.	1 inch.	.....
Rape.....	Feb. to Apr. 15, Aug. to Nov.	2 ozs.	8 to 10 lbs.	1 to 1½ feet.	4 to 6 ins.	1 inch.	.....
Rhubarb.....	March and April.	1 oz.	8 to 10 lbs.	Trans. 6 feet.	4 to 5 ins.	1 inch.	.....
Rye.....	July to Nov.	Broadcast.	1½ bus.	Broadcast.	Broadcast.	2 inches.	56 lbs.
Salsify.....	March to July.	2 ozs.	6 to 8 lbs.	18 inches.	4 to 6 ins.	1 inch.	.....
Sorghum.....	May and June.	4 ozs.	5 to 6 lbs.	3½ to 4 feet.	4 to 6 ins.	1 to 1 inch.	50 lbs.
Spinach.....	Feb. to Apr., Aug. to Dec.	1 oz.	12 to 15 lbs.	1½ to 2 feet.	4 to 6 ins.	1 inch.	.....
Squash.....	April to July.	2 ozs. (hills)	3 to 4 lbs.	3 to 4 feet.	3 to 4 feet.	1 inch.	.....
Teosinte.....	May and June.	1 oz.	2 to 3 lbs.	3½ to 4 feet.	4 to 6 ins.	1 inch.	.....
Tobacco.....	February.	.....	1 to 2 ozs.	3½ to 4 feet.	3 feet.	1-16 inch.	.....
Tomato.....	Jan. to July.	1 oz., 1500 plts.	4 ozs.	4 feet.	3 feet.	1 inch.	.....
Turnip.....	Feb., July to Sept. 15.	1 oz.	1½ to 2 lbs.	2 feet.	4 inches.	1 inch.	.....
Vetch.....	Feb., Mar.—July to Nov.	Broadcast.	20 lbs.	Broadcast.	Broadcast.	2 inches.	.....
Wheat.....	October and November.	Broadcast.	5 pecks.	Broadcast.	Broadcast.	2 inches.	60 lbs.

## Number of Plants to Acre at Given Distances

Dis. apart.	No. plants	Dis. apart.	No. plants	Dis. apart.	No. plants	Dis. apart.	No. plants
12 x 1 in.....	522,720	24 x 24 in.....	10,980	36 x 36 in.....	4,840	60 x 60 in.....	1,743
12 x 3 in.....	174,240	30 x 1 in.....	209,088	42 x 12 in.....	12,446	8 x 1 ft.....	5,445
12 x 12 in.....	43,560	30 x 6 in.....	34,848	42 x 24 in.....	6,223	8 x 3 ft.....	1,815
16 x 1 in.....	392,040	30 x 12 in.....	17,424	42 x 36 in.....	4,148	8 x 8 ft.....	680
18 x 1 in.....	348,480	30 x 16 in.....	13,068	48 x 12 in.....	10,890	10 x 1 ft.....	4,356
18 x 3 in.....	116,160	30 x 20 in.....	10,454	48 x 18 in.....	7,790	10 x 6 ft.....	726
18 x 12 in.....	29,040	30 x 24 in.....	8,712	48 x 24 in.....	5,445	10 x 10 ft.....	435
18 x 18 in.....	19,360	30 x 30 in.....	6,970	48 x 30 in.....	4,356	12 x 1 ft.....	3,630
20 x 1 in.....	313,635	36 x 3 in.....	58,080	48 x 36 in.....	3,630	12 x 5 ft.....	736
20 x 20 in.....	15,681	36 x 12 in.....	14,520	48 x 48 in.....	2,723	12 x 12 ft.....	302
24 x 1 in.....	261,360	36 x 18 in.....	9,680	60 x 36 in.....	2,901	16 x 1 ft.....	2,722
24 x 18 in.....	15,520	36 x 24 in.....	7,260	60 x 48 in.....	2,178	16 x 16 ft.....	170

MAKE IT A RULE TO PLANT B. W. QUALITY SEED.





## How to Make and Care for Lawns

It must not be supposed that by sowing grass seeds at any season of the year in soil of any character, and in any state of cultivation or neglect, a durable, attractive turf is to be formed. From the beginning the lawn is both troublesome and expensive, and even when obtained, it is, like liberty, preserved only by "eternal vigilance." The coarser natural grasses and weeds will take possession unless kept down, and wherever, from any cause, a bare spot is formed, it will rapidly enlarge unless repaired.

As in house-building, so in the making of a lawn—a good foundation must be secured, or the rest of the work will be entirely wasted, and too great care cannot be exercised, since the roots must be able to penetrate quite eighteen inches in order to keep the grasses growing through the scorching days of July, August and September. A good lawn well made will remain in good condition with a minimum of care for many years; start right. Give a liberal application of nitrogenous fertilizer, Wizard sheep manure being especially recommended. Plow or spade the ground deep, at the same time working in an abundance of decayed vegetable matter, such as "woods mold," decayed litter, or thoroughly rotten stable manure, **avoiding the use of fresh stable manure**, as it invariably carries seeds of weeds and noxious grasses. Too much humus cannot be added. Lime the ground to overcome acidity, using hydrated lime at the rate of  $1\frac{1}{2}$  tons to the acre, or 10 pounds to 100 square feet for small plots. The good lawn grasses will not thrive on sour (acid) soil, and it is safe to say that all city lawns are sour. Harrow or rake the

ground very thoroughly, so, if possible, to completely pulverize it as deep as plowed, until all elevations and depressions have been removed.

Rake the seeds in lightly, following with a roller of medium weight, a firmly rolled surface being absolutely necessary if the ground be dry; small areas may readily be packed firm by the back of a spade. Sowings made in the fall, from the first of September to the middle of November, are most successful, but if deferred until spring, sowings may be made in February, March, April and May.

When the grass is well set, about 4 inches high, it should be cut with a sickle or mown with the machine set to avoid cutting too closely, 2 inches at least being left above the root. After that a cutting every 10 days and an occasional rolling will make the grass finer, strengthen the turf and keep all rank-growing weeds in check. In the heat of summer the mower should be arranged so as to leave ample protection to the roots. Watering must be done with discretion. Unless the drainage is perfect, it is much more injurious to give too much water than to neglect watering altogether, and an occasional saturation is much better than the daily sprinkling commonly thought beneficial. If bare spots appear, they may be patched by breaking the ground about 10 inches deep, smoothing the surface and raking in double the usual allowance of seed. To maintain the vigor and color of the grass a light top dressing of sheep manure or bone meal 2 to 3 times a year is advisable.

## B. W. Quality Evergreen Mixed Lawn Grass

In the South we often have trouble in getting good lawns because it has been found that no one grass will give satisfactory results at all seasons and on all soils. By careful experiments we have succeeded in getting a combination of grasses that will produce an evergreen lawn, giving permanency and beauty of sward. By the use of this **Evergreen Mixed Lawn Grass Seed**, a rich, velvety lawn can be made and maintained. It is better adapted to the different soils, and stands the heat and drought of summer as well as the severe cold, better than the various mixtures so commonly offered.

It should be kept in mind when comparing prices that this mixture is all of the choicest, cleanest and heaviest seeds. Nothing but the best of Blue Grass, Red Top, Crested Dogtail, Creeping Bent Grass, Perennial Rye Grass and White Dutch Clover is used in our mixture. It produces a beautiful and enduring turf without light worthless chaff or cheap quick growing seeds that are only of temporary value. It is just as free from obnoxious weeds as it is possible to have it, for we buy only clean, tested seed. If weeds come up in the newly sown lawn, it is because weed seeds were already in the ground, where they sometimes remain dormant for many years. We feel fully justified in stating that it is the best Lawn Grass procurable at any price. One pound will sow a space 10 by 30 feet (or 300 square feet); 75 to 90 pounds to an acre.

Price of Seed—Postpaid: Lb., 55 cts.; 5 lbs., \$2.35; 10 lbs., \$4.50; Not prepaid: Lb., 45 cts.; 5 lbs., \$2.15; 10 lbs., \$4.25; 25 lbs., \$10.00; 100 lbs., \$38.00.

**Kentucky Blue Grass**—Recleaned, heavy seed, lb. 40 cts; 5 lbs. \$1.40; 10 lbs. \$3.25; postpaid.

**Red Top Grass**—Fancy recleaned seed, lb. 35 cts; 5 lbs. \$1.60; 10 lbs. \$2.75; postpaid.

**White Clover**—Fancy seed, lb. 75 cts; 10 lbs. \$7.00; postpaid.

**Wizard Brand Sheep Manure**—

The best and most convenient nitrogenous fertilizer for lawns. 5 lbs. 25 cts; 10 lbs. 45 cts; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; not prepaid.

**Bone Meal**—Especially beneficial as a top dressing for lawns. 5 lbs. 30 cts; 25 lbs. \$1.25; 100 lbs. \$3.75; not prepaid.

**Perfection Hydrated Lime**—To correct acidity. 10 lbs. 25 cts; 50 lbs. 65 cts; 100 lbs. \$1.00; not prepaid.



Chas. E. Clark, Landscape Gardener, Rocky Mount, N. C., writes:

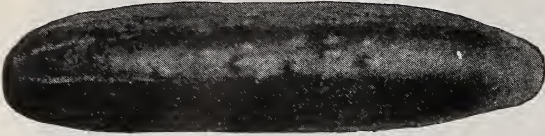
*Have a fine stand of your Evergreen Mixed Lawn Grass. It looks a good deal better than \_\_\_\_\_'s or \_\_\_\_\_'s. Ship me 50 lbs. more at once.*



# B. W. QUALITY SPECIALTIES

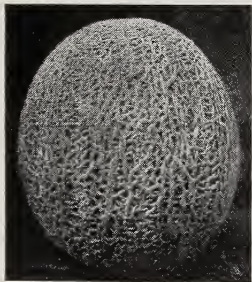
We are listing on this page and the next a few varieties of particular merit, new or improved strains, to which we wish to call your especial attention this year. They are, each and every one, thoroughly tried and proven, although most of them are listed in our catalog for the first time this year.

## Imperator Cucumbers



You can always depend on Imperator for a great money making cucumber which packs all fancy and brings the highest prices. This is the finest of the white spine type, long, smooth with pointed ends, that is, it tapers toward both ends. It is a rich, deep green color, which does not fade when shipped a long distance, medium late in maturing, 10 to 11 inches in length and 3 inches in diameter, and very productive. The fruit is very uniform and its firm, crisp, white flesh makes it a wonderful slicing cucumber. This variety is particularly well adapted to shipping and its size, smoothness and color conspire to make it exceedingly attractive on the market. Price—Postpaid: Pkt. 10 cts; oz. 15 cts;  $\frac{1}{4}$  lb. 45 cts; lb. \$1.50. Not prepaid: lb. \$1.40.

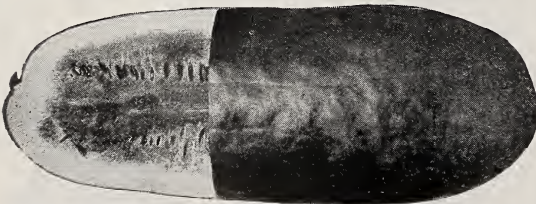
## Pollock's No. 10-25 Cantaloupe



This variety is a salmon pink fleshed Rocky Ford, recently introduced, which excels all other melons of this type. The fruits are extremely uniform, very heavily netted with no trace of ribs and the vines are vigorous and rust resistant. Cuts with a golden center shading to a green at the rind, tender, sweet, thick fleshed, without strings or toughness. It is fully as early as Rocky Ford and its long distance shipping qualities are surpassed by no other melon, in fact it is the only melon now used to

any great extent in the shipping districts of Colorado and California. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50. Not prepaid: lb. \$1.40.

## Irish Grey Watermelon



A high quality, good shipping watermelon of the popular arge, long shape, and has a distinct color—a mottled greenish grey. The thin rind is so tough that it will stand rough treatment without bursting and its keeping quality will appeal to growers who have experienced losses from glutted markets. The flesh is red, sweet, crisp and free from stringiness; comparing with Kleckley Sweet in quality. In uniformity of shape, size and productiveness it is equal to Tom Watson. The plants are vigorous and bear much longer than other sorts; equally fine for shipping melons or home garden. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00. Not prepaid: lb. 90 cts.

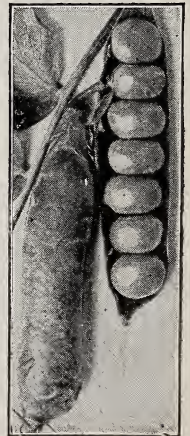
## Copenhagen Market Cabbage



The earliest large round or flat-head cabbage, coming as early as Charleston Wakefield. This is a strong statement but a proven fact. The ripening is not only early, but uniform, maturing at one time. Considering its arliness, the heads are remarkably large, averaging ten pounds in weight. The heads are solid, compact, fine grained, tender, hearts pure white and of exceptionally good quality. It has few outer leaves, which permits close planting, and it grows close to the ground on short stems. Price—postpaid: Pkt. 10 cts; oz. 30 cts;  $\frac{1}{4}$  lb. 80 cts; lb. \$2.50. Not prepaid: Lb. \$2.40.

## Marvelous Peas

A new, superior dwarf pee, equally good for the market and home garden. The vines are about the same height as Laxtonian, that is, 18 to 20 inches, and require no bushing. The pods are straight, deep green, blunt ended and about the size of Thomas Laxton. It is very prolific and quite hardy for a wrinkled pea sort. The quality of the pea is very superior, tender and sweet. This variety might well be said to give a Thomas Laxton pod on a Laxtonian vine and mature as early as Thomas Laxton. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25. Not prepaid: lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$17.00.



## Bountiful Bush Beans

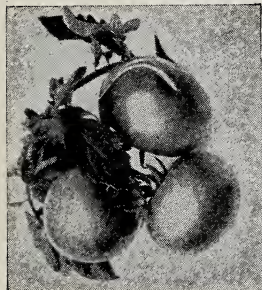
The best and earliest of the flat podded stringless beans. Known in some sections as Italian Giant Stringless. This bean has a long (6 to 7 inches.) broad, thick, meaty, flat pod of light, rich green color, slightly curved. Bountiful makes a very attractive bean of splendid quality which is meltingly tender, mildflavored and absolutely stringless. In addition to being very early, it is a sure cropper, hardy and extremely productive. It has become the favorite of many shippers for both first in the spring and last in the fall, bringing highest market price. Whether for home use or market try Bountiful this year. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.15. Not prepaid: lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$16.00.



# NEW VARIETIES AND NOVELTIES

## Norton Wilt-Resistant Tomato

One of the wilt resistant varieties recommended by the United States Department of Agriculture. Reports of the loss of tomato crops because of wilt have come from every part of the country.



Wilt-Resistant Tomato.

The situation was so serious that the government plant breeders started the development of a number of wilt resistant varieties, of which Norton is one of the best. In yield, form and color of fruit it is very similar to the Stone, but it has the added value of being as near blight and wilt resistant as science has been able to produce. The Norton makes possible the production of big, profitable tomato crops in sections where blight and wilt have affected the crop

badly before. Smooth, solid and finely flavored; bears till frost. Price—Postpaid: Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.60; lb. \$6.00.

## Burbank's Sunberry

The Burbank Sunberry is an annual berry plant of the easiest culture, thriving even on rather poor soil. The berries are very similar in color taste and size to huckleberries. The plants bear large quantities of berries which are highly prized for canning, cooking and the making of "Huckleberry Pie." Planted and grown same as tomato plants.

The berries, if to be eaten raw, should be allowed to ripen about ten days after turning black, when they will be sweet. If they are to be used in cooking they may be used as soon as they turn black. The berries are best gathered on a cloth which is spread under the plant and the bush threshed with a light stick. Price—Postpaid: Pkt. 15 cts.



Burbank's Sunberry.

## Haberlandt-38 Soy Bean

We offer for the first time this year this really wonderful improvement of the Haberlandt, resulting from the plant-to-row breeding work of the North Carolina Agricultural Experiment Station. We are fully convinced that it is the best all-purpose variety of soy beans in existence, being adapted for seed, early hog pasture, forage crop and soil improvement. Matures in about 125 days, nearly a month earlier than Mammoth Yellow; makes a bushy upright growth 3 to 4 feet in height, heavily set with pods well off the ground, making it easy to harvest. On our Highland growing farm this year Haberlandt-38 outyielded by  $2\frac{1}{2}$  times the old variety of Haberlandt, which is a heavy yielder, often better than Mammoth Yellow. The seed are almost as large as that of the Mammoth Yellow, of a duller yellow color with a greenish cast and have a brown hylum. It will pay you to get in seed of Haberlandt-38. Price—Postpaid: Qt. 35 cts; peck, \$1.60; bushel, \$4.00; not prepaid.

## Giant Novelty Mixed Zinnias

This mixture will allow you to enjoy the three latest introductions in Zinnia types at a very reasonable cost. In our packets there are three types, each in various bright colors. The **Dahlia flowered** type with immense dahlia-like blooms often 4 inches or more in diameter; the **Cactus type** with its artistic long quilled petals, and the **Picotee Zinnias**. The last type has distinctively colored blooms, the petal tips stained a different shade than the rest of the flowers, making a most pleasing effect. If you want the best there is in Zinnias, try this Giant Novelty Mixture. Price—Postpaid: Pkt. 15 cts.; 2 pkts. 25 cts.

## Le Marechal Foch Gladiolus

Recently introduced from Holland and considered the best of the light pink Gladioli. It is a cross between America and Halley and has practically all of the good characteristics of both these varieties with none of their weaknesses. Standing erect on tall spikes, it is truly worthy of its great namesake. Le Marechal Foch has a beautiful, clear light pink color with very little throat markings, and an expanse of bloom which is said to be double that of America. The coloring is delicate, yet seemingly almost alive—as though a light was concealed deep in the throat. Price—Postpaid: Each 20 cts.; doz. \$2.00.

## New Canna, CAROLINA



Carolina Canna.

This new canna, named and introduced by us this season, is so far as we know unobtainable from any other source. The accompanying illustration gives an idea of the form of the blooms. The color is almost impossible of description. It might be called a deep rose pink with a golden yellow sheen. It is not a pink but an indefinable color between old rose and red with a suggestion of gold. The individual blooms are very large with slightly frilled edges, borer in great clusters, well down to the foliage. Not only is the color of the bloom distinctive in this new canna but the foliage is a lighter shade of green than is found in any other. The plant, unlike most novelties, is vigorous and healthy. The height is about five feet. Carolina is a sensational, new and distinct variety of finest characteristics. Our stock is limited. Order early. Price—Postpaid: Each, \$1.00.





## SELECTED LIST FOR SOUTHERN GROWERS

# B. W. Quality Vegetable Seeds

## With General Directions for Cultivation

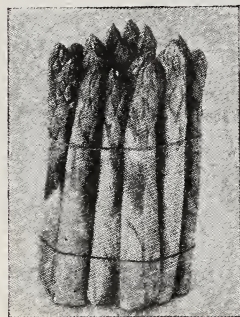
No vegetable ever comes to the table at home like those gathered fresh from the home garden. The rich, sweet flavor and fragrant aroma coming with freshly gathered vegetables when cooked sharpens the appetite and gives zest and relish to eating.

We are listing in this catalog only the most important varieties suitable for this climate under each heading, but are prepared to supply any obtainable variety that our customers may want. It is highly advisable that you send us a list of your particular requirements as early in the season as practicable.

### Artichoke

**Jerusalem.**—Grown from roots. Their greatest value is for stock feeding, particularly for hogs; it makes an enormous yield of nutritious feed. They make a large growth of tops which can be fed. It is sometimes used as a vegetable and for pickles. Cultivate like potatoes. Price—Postpaid: Qt. 25 cts; pk. \$1.00. Not prepaid: Qt. 20 cts.; pk. 75 cts.; bu. \$2.50.

### Asparagus



**Culture.**—Succeeds well in any good rich soil, but a light warm soil which has been heavily manured the previous crops is best. Soak the seeds for 24 hours; plant 2 inches deep in drills 2 feet apart. When well up, thin out to 3 inches apart and give frequent and thorough cultivation, keeping the plants clean from weeds. The roots can be transplanted, either at one or two years old, either in the fall or spring. Select only the strongest and straightest seedlings discarding those with twisted, deformed or wiry stalks. After the cutting season is over

spray with Bordeaux mixture to control rust; put into the spray mixture Paris green or arsenate of lead to kill the asparagus beetles.

An ounce will plant a row 50 feet long; 2 pounds will make enough roots to set an acre.

**Washington Rustproof.**—The most superior strain of the finest and largest variety of asparagus now known. This new American strain of Giant Asparagus is the first result of a plant breeding campaign started by the United States Department of Agriculture to produce a rust-resistant asparagus. This Washington Asparagus is extremely resistant to asparagus rust, is a very vigorous grower and a very high-yielding strain of Giant Asparagus. It is the most uniform market type of all so-called rust-resistant varieties and really is uniformly rust-resistant, very large sized, high-yielding and being a rapid grower is very tender. It is without doubt the best Asparagus grown today and our seeds are the purest pedigreed seed of this finest variety. Price—Postpaid: Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

**Early Giant Argenteuil.**—In earliness and size of stalk this is a most superior asparagus. Very tender whether grown as green asparagus or when earthed up to blanch. Price—Postpaid: pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00.

### Asparagus Roots

**Culture.**—Dig or plow out a trench 15 to 18 inches deep, put in plenty of well-rotted manure, covering it with a few inches of soil, then set the roots 1½ to 2 feet apart and cover with 4 inches of soil. In the fall, cut off and burn the top growth, plow or throw down the earth and give a good application of stable manure. Early in the spring fork this in and apply ground animal bone. If white asparagus is wanted draw earth around stalks as they grow. Do not continue cutting too long, as this exhausts the plants. 100 roots plants about 15x50 feet; 5,000 to 7,000 will plant an acre.

For field culture the rows may be from 4 to 6 feet apart and the roots set further apart in the rows. A subsoil plow should be used to break the soil as deeply as possible.

**Washington Rustproof Roots.**—Price—Postpaid: 50 for \$1.25; 100 for \$2.00. Not prepaid: 100 for \$1.75; 1,000 for \$15.00.

**Early Giant Argenteuil Roots.**—Price—Postpaid: 50 for \$1.00; 100 for \$1.75. Not prepaid: 100 for \$1.50; 1,000 for \$12.00.

### Brussels Sprouts

**Culture.**—Sow seed in a bed during May or June. When large enough to move, transplant in the open ground 18 inches apart in the row. The cultivation and handling is in every respect similar to that given Cabbage.



**Brussels Sprouts.**—The sprouts resemble miniature cabbage, growing closely on the stalk of the plant. The leaves should be broken down in the fall to give the little heads more room to grow. The delicacy and flavor are greatly improved after hard frosts. If you have never grown Brussels Sprouts, be sure to try some. They should be treated in all respects like winter cabbage or kale. Price—Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.10. Not prepaid: Lb. \$2.00.

Brussels Sprouts.



# STRINGLESS BUSH BEANS

**Culture.**—Beans are a warm weather crop, so do not plant until the ground is warm. For a continuous supply plant every two weeks from April 1st (or after danger of late frost is past) until the last of August. Make rows 2 to 3 feet apart, drop the beans 3 inches apart and cover 1½ inches deep. Cultivate shallow and frequently up to blossoming time, never afterward, and never cultivate or pick while plants are wet, as this spreads anthracnose. Bush beans, if picked clean, will bear a second crop. They thrive best in good light, loamy soil that warms up quickly. One pound plants 60 feet; 100 pounds to the acre.

## Green Podded Beans

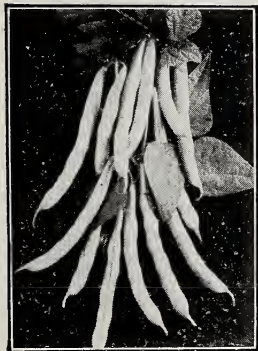


### Extra Early Red Valentine Beans.

**Extra Early Red Valentine.**—A standard variety, extra early in maturing, and bears pods which are round, long, slightly curved and of excellent quality. The extreme hardness of this bean accounts for its popularity in this section as the first early bean. The Red Valentine germinates in cold ground when other sorts fail. Our improved strain of this excellent variety has been selected especially for earliness and good quality. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.15. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$16.00.

**Black Valentine.**—The hardiest of all beans; will stand more frost than any other sort. On this account particularly recommended for market growers. The pods are long, straight, very handsome; are produced very profusely and present a very attractive appearance on the market. An ideal bean for the earliest market. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$2.00; 100 lbs. \$17.00.

**Long Yellow Six Weeks.**—An extra-early, vigorous and hardy variety for earliest plantings; long, full-meated, flat pods, of good quality. Price—Postpaid: Pkt., 10 cts.; lb. 35 cts.; 10 lbs. \$1.90. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.60; 100 lbs. \$14.00.



**Bountiful Beans.**

Lb. 25 cts. 10 lbs. \$2.00; 100 lbs. \$17.00.

**Refugee, or 1,000 to 1.**—One of the best for main crop and late or succession plantings; enormously productive. Snaps are round, tender and of excellent quality. Later than the early kinds, but bears much longer and is more productive. Price—Postpaid: Pkt., 10 cts.; lb. 35 cts.; 10 lbs. \$2.15. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$16.00.

## Wax Podded Varieties

**Rustless Golden Wax.**—A vigorous, wonderfully productive bean of excellent quality. Bears continuously

for several weeks if picked as soon as ready. Pods thick, meaty, entirely stringless and tender. Plants throw out long, pod-bearing tendrils, which appear at first like runners, but it is a true bush bean. We recommend it very strongly for its productiveness and fine quality. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$2.00; 100 lbs. \$17.00.

**Wardwell's Kidney Wax.**—This standard variety, maturing a little later than Golden Wax, yields a large crop of long, nearly straight, broad, light golden yellow, handsome pods. These are of large size, about six inches long, and are of good quality. They always command a ready sale, making the variety one of the most profitable for the market gardener as well as shipper. This is also very extensively used for snaps for the home garden. The plants are strong growing and bear their long pods well up from the ground. Price—Postpaid: Pkt., 10 cts.; lb., 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$2.00; 100 lbs. \$17.00.

**Sure Crop Stringless Wax.**—A valuable new variety for either home use or market garden. Is a dwarf growing variety; strong, vigorous vines, producing early, rich yellow pods of extra size, measuring 7 to 7½ inches long, more than ½ inch wide, and nearly ½ an inch thick, of excellent quality; stringless and tender, at all stages of its development. Plant is strong and holds pods well off the ground and will stand long seasons of wet weather. Because of its being very hardy the seeds may be planted early. Price—Postpaid: Pkt. 10 cts.; lb., 35 cts.; 10 lbs., \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$2.00; 100 lbs. \$17.00.



**Refugee, or 1,000 to 1 Beans.**

## Pole Snap Beans

**Culture.**—These can be planted after danger of frost is past from May 1st through June in rows 3 feet apart, and in raised hills 4 feet apart in the rows. Plant about 5 beans in a circle around the hill covered 1½ inches, and when 6 inches high thin to 3 plants. Before planting fix firmly in the center of each hill a pole 5 to 8 feet high. About 1 pound is required to plant 100 feet of row. These beans may also be planted among the corn, 1 or 2 beans by each stalk of corn, and the vines will run up the corn.

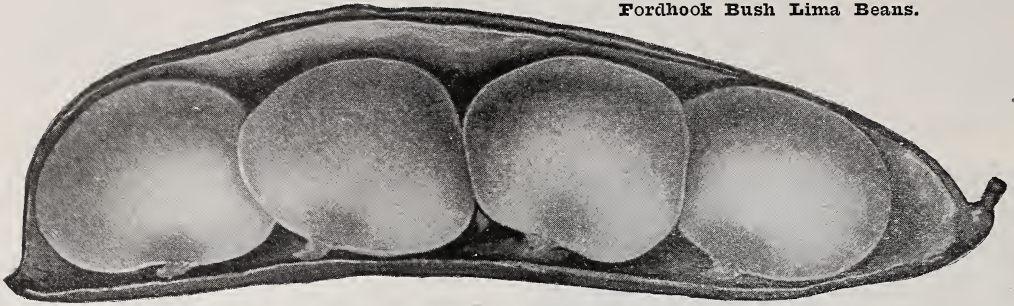
**Kentucky Wonder, or Old Homestead.**—The most popular and most generally grown of all the Pole beans. The long pods, often nine or ten inches long, are borne in large clusters from the top to the bottom of the pole. They are nearly round, crisp and tender. If gathered as they mature they continue bearing throughout the season. Price—Postpaid: Pkt., 10 cts.; lb., 40 cts.; 10 lbs., \$2.60. Not prepaid: Lb. 25 cts.; 10 lbs. \$2.30; 100 lbs. \$21.00.

**Striped Creasback, or Nancy Davis.**—A hardy and very productive green podded cornfield bean. The vines are sturdy and of good climbing habit, small-medium, deep green leaves. The pods are long, about 7 inches; very cylindrical or completely rounded, distinctly creasebacked, very fleshy, and of excellent quality. The color when in condition for use as snaps is light silvery green, becoming tinged with purple as the pods mature. Seed small-medium, kidney-shaped, mottled putty color with dark striping. This is especially suitable for growing on corn for snaps. Price—Postpaid: Pkt., 10 cts.; lb., 35 cts.; 10 lbs., \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$2.00; 100 lbs. \$17.00.



# LIMA OR BUTTER BEANS

Fordhook Bush Lima Beans.



Lima beans should be planted in rich soil, later than other beans and in the most favorable location possible, as they are very late in maturing. They should be planted with the eyes down. Do not plant bush limas too thick; they make heaviest yields only when given room to develop. Bush varieties are more easily grown than the tall, and are earlier and more economical of space. The tall limas bear more heavily, have a longer season, and some consider them the best flavored.

## Pole Lima Beans

**Culture.**—Plant after danger of frost is past in April and May in raised hills 3 feet apart in the row and rows 4 feet apart. Plant 5 beans in a circle around the hill, with the eyes of the seeds downward and cover  $1\frac{1}{2}$  inches. When 6 inches high thin to 3 plants to the hill. Fix firmly in the center of each hill a pole 5 to 8 feet high, and when plants show runners help the vines to start by twining them around the pole from right to left. They require only light cultivation after plants are 8 inches high. One-half pound will plant about 150 feet of row.

**Carolina Sieva, or Butter Beans.**—Earlier, hardier and more prolific than the large Lima kinds. For years the popular "butter bean" of the South, and more generally grown in that section than any other variety. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$17.00.

**King of the Garden Pole Lima.**—An improved strain of the Large White, of more prolific character and with larger pods and beans. Large early crops and bears until frost. Only two plants should be allowed to one hill. Price—Postpaid: Pkt. 10 cts.; lb. 40 cts.; 10 lbs., \$2.35; Not prepaid: Lb. 30 cts.; 10 lbs. \$2.00; 100 lbs. \$17.00.

**Burpee's Giant Podded Pole Lima.**—Bears pods 7 to 8 inches long, borne in large clusters, and containing 4 to 6 big, fat butter beans of the finest Lima flavor. The superb quality, tenderness and rich flavor, with its unusual size and great productiveness, render this the peer of any Lima bean grown for use either green or dried. Price—Postpaid: Pkt., 10 cts.; lb., 40 cts.; 10 lbs., \$2.45; Not prepaid: Lb. 30 cts.; 10 lbs. \$2.10; 100 lbs. \$18.00.



King of the Garden

but pinch or clip off the runners, and this is all that will be necessary.

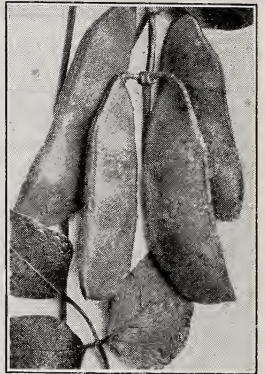
**BAGS.**—Cotton bags holding 120 pounds beans and peas are charged 50 cents extra. No charge for bags for 5 and 10-pound lots.

## Dwarf Lima Beans

**Culture.**—Plant after danger of frost is over in April, May or June in rows three feet apart, and place 3 beans, eyes downward, 15 inches apart in the row, covering them  $1\frac{1}{2}$  inches. About 1 pound is required for 100 feet of row; 30 to 60 pounds to the acre. If plants show runners, do not think you have planted by mistake Pole Beans, as Bush Beans were bred from Pole Beans, and, therefore, sometimes show a tendency to run.

### Henderson's Bush Lima

—Pods short and flat, delicious flavor. The earliest of Bush Limas, two weeks earlier than any of the Pole varieties. It is small in size, but the great productiveness and delicious flavor of Henderson's Bush Limas has made it a favorite of good housekeepers. An excellent sort for canning. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.15. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$17.00.



Henderson's Bush Lima Beans.

### Fordhook Bush Lima.

—This is without a doubt the best type of Bush Lima Bean in cultivation. It grows upright and does not come in contact with ground.

The vigorous plants bear pods in clusters, each pod containing 4 to 5 large, thick beautiful green beans. No other variety can compare in quality with the sweet and tender Fordhook. Matures very early and continues bearing until frost. Price—Postpaid: Pkt., 10 cts.; lb., 45 cts.; 10 lbs. \$3.50. Not prepaid: Lb. 30 cts.; 10 lbs. \$3.20; 100 lbs. \$29.00.

**Wood's Prolific Bush Lima.**—One of the greatly improved newer sorts. About a third larger than the old Henderson Bush Lima. A day or two later but about ten days earlier than many other ordinary bush sorts and weeks earlier than the Pole Lima. In all a superior bean which must be tried to be appreciated. Price—Postpaid: Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$2.50. Not postpaid: lb. 30 cts.; 10 lbs. \$2.20; 100 lbs. \$19.00.

**Burpee's Improved Bush Lima.**—The pods are truly enormous in size, borne abundantly and well filled with handsome beans which are both larger and thicker than those of the popular Burpee's Bush, and fully eight days earlier. Price—Postpaid: Pkt., 10 cts.; lb., 40 cts.; 10 lbs. \$2.50. Not prepaid: Lb. 30 cts.; 10 lbs. \$2.20; 100 lbs. \$20.00.

### BEANS BY WEIGHT

The quantity of Beans by weight as compared to the quantity by measure as formerly used is about as follows:

1 lb. equals about 1 pt.	10 lbs. equal about 5 qts.
2 lbs. equal about 1 qt.	15 lbs. equal about 1 pk.
5 lbs. equal about $2\frac{1}{2}$ qts.	60 lbs. equal about 1 bu.



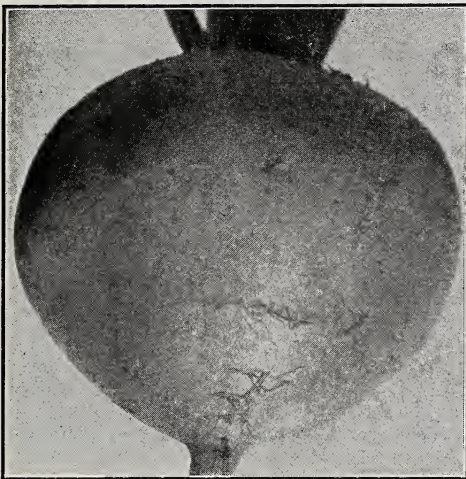
## Table Beets

**Culture.**—For very early crop the seed should be sowed in hotbeds or started in boxes in the house in January and February. After danger of frost is past transplant and set them in rows 2 to 3 feet apart and 4 to 6 inches apart in the rows. Or they can be sown outside from March to July, as desired, for medium-early or late crop, in drills, covering 1 inch and plants thinned to 4 to 6 inches. Beets should be grown in light, clean, deep soil and kept well cultivated. Two ounces of seed will sow 100 feet of row, and about 7 pounds are required to sow an acre.

**Early Eclipse.**—A very early maturing beet, especially desirable for the home garden. Top of medium size. Roots nearly globular, with a small tap and small collar. Flesh bright red, zoned with pinkish white; very sweet, crisp and tender, especially when young. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts. Not prepaid: Lb. 75 cts.

**Improved Early Blood Turnip.**—A superior selection of Blood Turnip Beets, dark red, fine flavor. It forms medium-sized, sound, half-flattened bulbs. Good for late or early planting. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts. Not prepaid: lb. 70 cts.

**Crosby's Improved Egyptian.**—An improvement on other Egyptian sorts, being as early and of more desirable shape, color and quality. Is being more largely planted for early market by truckers and shippers, and has proven very profitable and satisfactory, being very sweet and tender. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts. Not prepaid: Lb. 75 cts.



Early Eclipse Beet.

**Crimson Globe.**—The interior is a rich, deep crimson, and fine grained in texture. The foliage is deep blood red. It is nearly round, of medium size, and does not become coarse at maturity. Price—Postpaid: Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85c. Not prepaid: lb. 75 cts;

**Detroit Dark Red.**—One of the very best sorts for home market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin dark red, flesh solid vermilion red. Our special stock of this variety shows no white zones. Tops are small, upright, dark green, shaded red.

Price—Postpaid: Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85c. Not prepaid: Lb. 75 cts.

*I am pleased to say that the seeds which we secured from you have done very well indeed. We expect to look to you another season for a stock of seed.*

J. P. PILLSBURY,  
Professor of Horticulture,  
North Carolina State College  
of Agriculture.

## Swiss Chard or Spinach Beet

One ounce will sow 100 feet of row.

**Swiss Chard, Giant Lucillus.**—The Swiss Chard, or Spinach Beet, is prepared for the table in the same manner as Spinach; sometimes, however, the mid-rib is prepared like Asparagus. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick, light-colored mid-ribs, which are delicious when cooked and served like asparagus. You should not fail to plant at least one long row in your garden. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts. Not prepaid: Lb. 80 cts.



Swiss Chard.

## Mangels or Stock Beets

**Culture.**—These can be sowed in April, May and June, drilled in rows 3 feet apart, and the plants thinned to 6 or 8 inches apart in the row. They should be well cultivated until they get well started. Sow 1 ounce to about 75 feet of row; 6 pounds to the acre. Stock beets grow to an enormous size on good land and make splendid food for stock of all kinds.

**Mammoth Prize Long Red.**—No other mangel can compare with this variety in yield. Crops of forty to fifty tons per acre have been made on good land and under thorough cultivation. The roots often weigh twenty to twenty-five pounds each. It grows well above ground, is easily pulled; the deep red roots are straight, well formed and solid. Especially adapted to deep soils. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 55 cts. Not prepaid: Lb. 45 cts.

## Southern Collards

Grown very largely in the Southern States, where it is used as a substitute for cabbage, but it is easier to grow, also hardier, thrives better on poor soil, and is not as susceptible to insects. It is frequently sown in the early spring months, but seems to do best when sowed in June, July or August. Transplant and cultivate like late cabbage, and keep well worked. It is said the flavor is improved by a touch of frost, and makes a splendid dish for fall and winter use. One ounce of seed produces about 1,500 plants.

**North Carolina Short Stem.**—A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, withstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts. Not prepaid: Lb. 75 cts.

**White, or Cabbage Collard.**—Called cabbage-collard because of its close bunching habit and general resemblance to a cabbage. Extremely hardy and grows on the poorest soils. As white and crisp as a cabbage. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts. Not prepaid Lb. 75 cts.

*I think your Stringless Green Pod is the finest bean I have ever used.*

MRS. J. PERRY COLEY,  
Eureka, N. C.



# PURE STRAIN CABBAGES

## Early and Late

**Culture.**—To make an early crop of cabbage the seed can be sowed in hotbeds or in boxes in the house in January, February and March, or for later crop can be sowed outside from April to June, but to make the earliest spring cabbage the seed should be sowed outside about September 15th and then transplanted where they are to remain in November. Cabbage should always be transplanted to good, rich, clean, light soil in rows 3 to 4 feet apart, with plants 16 to 18 inches apart in the row, according to the variety of cabbage, whether of large, medium or small-size growth. One ounce of seed will produce about 1,500 plants.

**Copenhagen Market.**—Earliest, large, round head cabbage. See page 6. Price—Postpaid: Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.50. Not prepaid: Lb. \$2.40.

**Selected Early Jersey Wakefield.**—Long recognized as the best earliest marketable cabbage. In size, medium; in shape, pyramidal, with pointed beak. Its uncommonly fine heading qualities, together with its fitness for wintering in cold frames, pleases the most critical gardeners. Our strain of seed is of superior quality, Long Island grown. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00. Not prepaid: Lb. \$1.90.

**Charleston Wakefield.**—All that we say about the purity and excellence of our Jersey Wakefield is equally true of our Charleston Wakefield—it is as pure and true a strain as careful selection can make it. It is a few days later than the Jersey Wakefield, but larger and more solid. Exceedingly hardy, and on account of its earliness and size, is deservedly popular, not only with large market growers, but with private gardeners. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00. Not prepaid: Lb. \$1.90.



Selected Early Jersey Wakefield.

**Early Flat Dutch.**—For a second early to follow Jersey Wakefield this is in every way satisfactory for it is one of the most reliable medium-early varieties. A sure header, makes large, solid, flat heads that in point of quality are the equal of any. Has comparatively few outside leaves. Price—Postpaid: Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.85. Not prepaid: Lb. \$1.75.

**Early Drumhead.**—Very popular throughout the South and well deserves its popularity, for it makes a most excellent, sure-heading second early cabbage of as fine quality as anyone could wish. The heads are large, flattened on top, solid, crisp and tender. Especially adapted for the home garden. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.85. Not prepaid: Lb. \$1.75.

**Henderson's Succession.**—A splendid sort whether grown for medium-early, mid-summer or the late crop, and keeps well for winter use. A little later than the Early Drumhead, but much larger. Heads deep and solid of handsome color and of the finest quality. The heads become solid before they are fully matured. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00. Not prepaid: Lb. \$1.90.



All Seasons Cabbage.

**All Seasons.**—One of the very best, either for early or late planting. Heads very large and round, often nearly spherical, but usually somewhat flattened. Very solid, and of the best quality, keeping as well as winter sorts. The plant is very vigorous and sureheading. Remarkable for its ability to withstand the hot sun and dry weather; an excellent keeper. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.85. Not prepaid: Lb. \$1.75.

**Large Late Drumhead.**—A favorite winter cabbage; recommended for its fine, large, deep, heavy and solid, long-keeping heads. It has few outside leaves. They can be kept in good condition till late in the spring. We recommend it for the home garden. It is more generally grown than any late cabbage. Price—Postpaid: Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.85. Not prepaid: Lb. \$1.75.

**Large Late Flat Dutch.**—A good strain of this popular winter cabbage. Makes good, large, solid, flat heads that keep well into the winter. Price—Postpaid: Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.85. Not prepaid: Lb. \$1.75.

**Perfection Drumhead Savoy.**—Should be grown in every garden. No other fall and winter cabbage can compare with it in flavor, particularly after it has been touched by frost when it is equal to cauliflower. To have the finest solid hard heads do not plant till May, June or early in July, as it will not head up hard during very hot weather. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00. Not prepaid: Lb. \$1.90.

**Chinese Pe-Tsai, or "Celery" Cabbage.**—Produces beautiful crisp, celery-like heads that blanch easily and that resemble a giant Cos lettuce. As a salad it rivals the finest lettuce, when cooked as cabbage or spinach it makes a delightful green. Its pure white heads make the best cold slaw. It is easily grown, but should be planted early, as it does best during the cold season. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.35. Not prepaid: Lb. \$2.25.



Chinese Pe-Tsai.





Early  
Snowball.

## Cauliflower

**Culture.**—Cauliflower requires the same treatment and cultivation as cabbage, but is not so hardy. It should be planted in very rich or well-manured soil. As cauliflower will not head during very hot weather, time your plantings so as to come off before hot summer and during cool days of fall. Allow 100 days for Snowball. For early planting sow seed in hot-bed in January or February, transplanting after cold weather when plants are about 4 to 5 inches high. For late crop, sow in beds like cabbage during June and July. Set plants 15 to 18 inches apart in 3-foot rows, and give an abundance of water in dry weather. When the heads are about 2 inches across, gather the outer leaves and tie together to blanch the heads and protect from the hot sun. One ounce of seed makes about 2,000 plants.

**Early Snowball.**—Undoubtedly the finest and most popular early variety. Heads very early, of medium size, firm, compact, solid and very white; plant compact in growth with few short, upright leaves. Our strain is as fine as can be had at any price. We recommend it equally as well for late summer as early crop. Also as well adapted to forcing as out door planting. Price—Postpaid: Pkt. 20 cts.;  $\frac{1}{4}$  oz. 60 cts.;  $\frac{1}{2}$  oz. \$1.10.; oz. \$2.00.  $\frac{1}{4}$  lb. \$7.50; lb. \$28.00.



Danvers Half  
Long Carrot.

## Carrots

**Culture.**—Carrots can be sown from March to June in drills 12 inches apart and the plants thinned to 4 or 5 inches apart, covering the seed about  $\frac{1}{2}$  inch. They thrive best in light, loamy, deep, rich soil. To keep carrots in winter, pack well in clean, dry sand and place in a dry, dark cellar. Sow 1 ounce of seed to 100 feet of row; about 4 pounds to the acre.

**Danvers Half Long.**—The roots are smooth, 8 to 10 inches long, and of a deep orange color. The flesh is fine-grained, sweet and of the very best quality. This is an excellent variety either for the home garden or for the market. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts. Not prepaid: Lb. 75 cts.

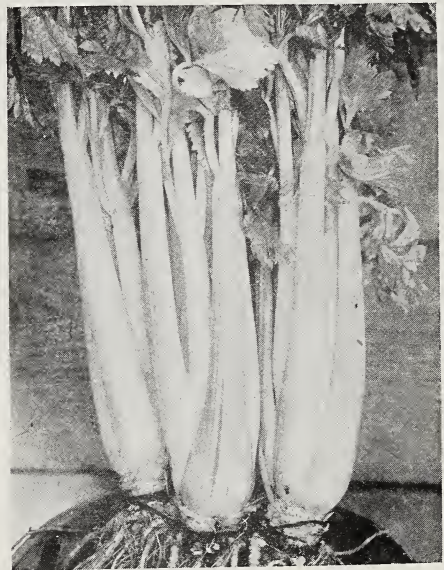
**Chantenay.**—Suited to either garden or field culture. It makes a good yield and is often used for stock feed. It

has a medium-size top, small neck, stump root and a broad, thick shoulder. The roots are of an orange color, and the flesh is of good quality. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts. Not prepaid: Lb. 80 cts.

**Improved Long Orange.**—This is one of the most popular sorts for table use; therefore it is especially recommended to home gardeners. The roots are long, smooth and tapering. The flesh is very tender and crisp and of a beautiful orange color. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.

## Celery

**Culture.**—Sow in hotbeds or in seed boxes in the house in February or March. Keep well watered and transplant from July to September 15th to rich, moist, mucky soil in rows 12 to 18 inches apart, with plants 6 inches apart in the row. Supply abundance of moisture. As the plants grow heap up the earth around the stalks to whiten them. To protect from severe winter weather, cover the rows with straw and lay boards on the top, or bank the rows with boards when 10 inches tall. One ounce of seed produces 1,000 plants.



Improved White Plume Celery.

**Improved White Plume.**—A magnificent celery for early use, and being self-blanching, requires but little working; naturally turns white upon reaching maturity. In quality, it is all that can be desired. Price—Postpaid: Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.25. Not prepaid: lb. \$2.15.

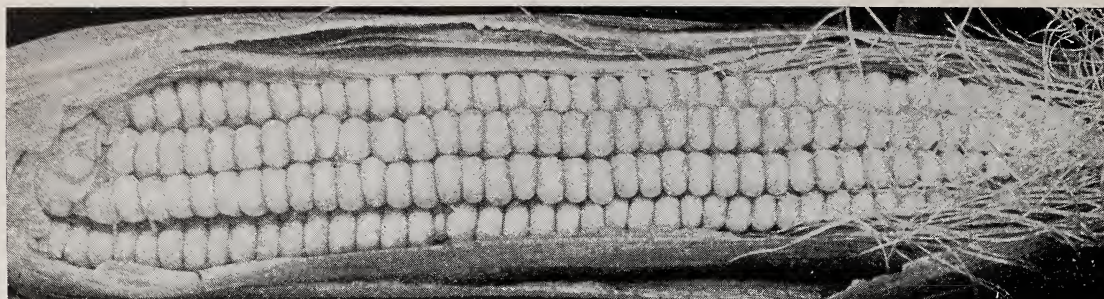
**Giant Pascal.**—More generally grown than any late celery. For fall and early winter it is certainly one of the best. It makes large, thick and solid stalks, with beautiful creamy yellow heart; blanches easily and quickly; very crisp and of a fine nutty flavor. Price—Postpaid: Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.85. Not prepaid: Lb. \$1.75.

**Sanford's Easy Blanching Celery.**—Excels all other varieties in earliness, in quick blanching, in flavor and tenderness. Every stalk solid, does not get pethy. Price—Postpaid: Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50. Not prepaid: Lb. \$3.40.

*I have used B. W. Quality Seeds since you first started business and they have proved tip top every year.*

PARKER RAND,  
Garner, N. C.





Norfolk Market Corn.

## SWEET GARDEN AND SUGAR CORN

**Culture.**—Corn prefers a rich, warm, well-manured soil, but excellent garden corn may be raised on any good soil that has been deeply and thoroughly worked before planting. Plant the early varieties the last of March or early in April; sweet corns are tender and should not be planted till the ground is thoroughly warm. Give frequent but shallow cultivation and continue plantings at intervals of about two weeks for a succession of roasting ears. The early kinds can be planted during July or early in August for late roasting ears. One pound will plant 100 hills; 10 to 12 pounds plant an acre.

**Extra Early Adams.**—The earliest variety and can be planted first of all. It bears small, thick ears, close to the ground. Being a dwarf variety, it can be planted closer than the others. Ears 7 to 8 inches long. Price—Postpaid: Pkt. 10 cts.; lb. 25 cts.; 10 lb. \$1.30; Not prepaid: Lb. 15 cts.; 10 lbs. 95 cts.; 100 lbs. \$7.50.

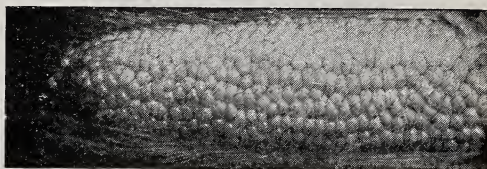
**Adams Early.**—Similar to Extra Early Adams, but a little later, and makes larger ears. Earlier and harder than the sugar corns, and, as it makes a small stalk, can be planted close together. Price—Postpaid: Pkt., 10 cts.; lb. 30 cts.; 10 lbs. \$1.35. Not prepaid Lb. 20 cts.; 10 lbs. \$1.00; 100 lbs. \$8.00.

**Trucker's Favorite.**—For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. It is a white corn, with good depth of grain, tender and sweet, and makes most desirable size for roasting ears. In addition to being a fine garden corn, it makes an excellent field corn to plant late. Price—Postpaid Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.45. Not prepaid: Lb. 20 cts.; 10 lbs. \$1.10; 100 lbs. \$9.00.

**Genuine Norfolk Market Corn.**—By far the best of all the "roasting ear" corns and the most popular kind among our market gardeners. Unlike the early varieties which have heretofore been considered standard, it is a really handsome corn, the ears attaining an average length of over 8 inches, with about 16 rows to the ear. The rows are regular and the cob is covered to the very tip. When in the green state the grains are very plump, tender and milky. Its excellent flavor is preferred by many to the sugar corns. This is the best corn with which to fill in the gap between the little early varieties and the late sorts. Price—Postpaid: Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50. Not prepaid: Lb. 20 cts.; 10 lbs. \$1.20; 100 lbs. \$10.00.

**Howling Mob.**—A big-eared early corn with the sweet flavor of the late varieties; ears 7 to 9 inches long: usually two pearly white ears to the stalk; the shuck extends well over the tip and protects it from the green worm so destructive to early sweet corns. Price—Postpaid: Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.55. Not prepaid: Lb. 20 cts.; 10 lbs. \$1.20; 100 lbs. \$10.00.

**Golden Bantam.**—Extra early, sweet, tender and delicious, is becoming each year more popular because of its extreme early character, vigorous growth and delicious flavor. It is pronounced by many of our planters the finest extra early sweet corn ever grown. The dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm, hence can be planted earlier than any other true sweet corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet and can be planted close together in the row; they bear two or three good small ears to the stalk. The grains are yellow. Golden Bantam is truly delicious. Price—Postpaid: Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.65. Not prepaid: Lb. 20 cts.; 10 lbs. \$1.30; 100 lbs. \$11.00.



Country Gentleman Corn.

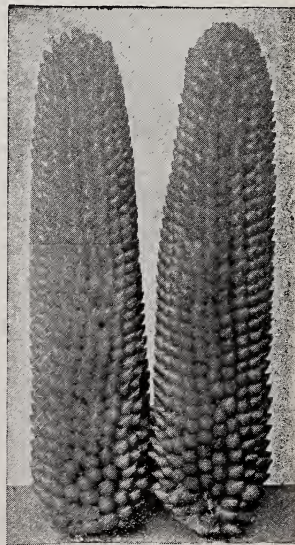
**Stowell's Evergreen.**—Now recognized everywhere as the standard variety, both for home and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all sorts. Price—Postpaid: Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.55. Not prepaid: Lb. 20 cts.; 10 lb. \$1.20; 100 lbs. \$10.00.

**Country Gentleman.**—One of the richest flavored and most popular late sweet corns. Makes a good-sized ear, with a small cob, densely covered with irregular rows of very long, slender, pearly-white grains of the best quality. The ears are 8 to 9 inches long, are borne two or more to the stalk, and will keep tender and fit for use for a long season. You will make no mistake in planting Country Gentleman. Price—Postpaid: Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.55. Not prepaid: Lb. 20 cts.; 10 lbs. \$1.20; 100 lbs. \$10.00.

## Pop Corn

**A Profitable Crop.** Boys and girls can easily grow an acre or so and dispose of the product to the grocery man.

**White Rice.**—A very handsome and very prolific variety. Ears short; kernels long, pointed and resemble rice; color white. No variety of pop corn is superior to this for popping. Price—Postpaid: Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 10 lbs. \$1.45. Not prepaid: Lb. 20 cts.; 10 lbs. \$1.10; 100 lbs. \$8.50.



White Rice Pop Corn.

Do Not Put Off Ordering Until Time to Plant, Do It Now!



## Cucumbers for Slicing and Pickling

**Culture.**—To have very early cucumbers the seed can be planted in hotbeds or boxes in the house in March or April and transplanted after danger of frost, or for later crop plant outside after the ground is warm, from April to July, in rich, well-manured, raised hills 4 feet apart. Plant 8 to 10 seeds 1 inch deep around the hills. Later thin to 2 or 3 plants to the hill. Hoe or cultivate only until the plants start to vine, then pull weeds by hand. One ounce will plant about 50 hills; 2 pounds to the acre.

**Imperator.**—The biggest money maker for the shipper. See page 6. Price—Postpaid: Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 45 cts. lb. \$1.50. Not prepaid: Lb. \$1.40.

**Improved Early White Spine.**—The most widely grown of all cucumbers, especially for shipping, although it is grown in nearly every private garden. The fruits are 5 to 7 inches long, smooth, slightly pointed at the ends, of a deep rich color; very prolific and excellent for both table and pickling. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00. Not prepaid: Lb. 90 cts.

**Davis Perfect.**—We cannot praise this variety too highly. It has every quality that makes up an ideal cucumber. The vine growth is vigorous, producing unusually long, symmetrical fruits that are almost seedless. The fruits of this sort have been mistaken, even by experts, for hothouse or indoor types. For this reason they always command the very best price in any market. Price—Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.25. Not prepaid: Lb. \$1.15.



Improved Early White Spine Cucumber.

**London Long Green.**—Well-known table sort, 12 to 14 inches long; slender, more tapering toward the stem end; color dark green; flesh white and firm. Price—Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

**Early Green Cluster.**—Very early, bearing in clusters of two and three. If kept gathered the vines will continue to set fruit through a long season. Fine for pickles. Price—Postpaid: Pkt. 5 cts.; 1 oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; Not prepaid: Lb. 90 cts.

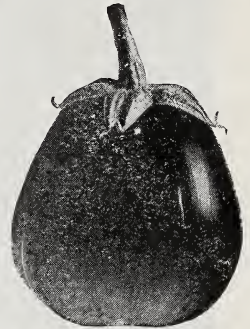
**Japanese Climber.**—This variety is actually a climber. It climbs quickly on fences or trellises and is entirely distinct. The quality is splendid for pickling or slicing. Long, attractive, deep green, smooth fruit. 10 to 12 inches in length. A valuable variety for small gardens. Price—Postpaid: Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.25. Not prepaid: Lb. \$1.15.

**Gherkin (For pickles).** This is a very small, oval, prickly fruited sort quite distinct from all others and grown exclusively for pickles. The seed is distinctly smaller than that of other cucumbers and is slow to germinate, requiring usually from two to three weeks. Price—Postpaid: Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 45 cts.; lb. \$1.60. Not prepaid: Lb. \$1.50.

## Egg Plant

**Culture.**—Sow in February or March  $\frac{1}{2}$  inch deep in hotbeds or boxes inside. When the plants are 2 inches high transplant to pots or good rich soil, after all danger of frost is past, in May. Set out in 3 foot rows, 2 feet apart in the row. The ground should be a good rich loam. Keep well worked. One ounce of seed will produce about 1,000 plants.

**Black Beauty.**—This is the earliest and the best of all large-fruited egg-plants. The large fruits are thick and of the most attractive form. The skin is a rich, lustrous, purplish-black, and it is entirely free of spine or thorns. Price—Postpaid: Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.60. Not prepaid: Lb. \$4.50.



Black Beauty.

## Endive

A delicious and appetizing salad which is at its best after light frosts. It should be in every garden.

**Culture.**—Beginning in March make a planting each month till September. Plant shallow in 18-inch drills and thin out to one foot apart. When nearly grown, tie up the outer leaves to blanch the heart. In dry seasons give plenty of water.

**Green Curled.**—The leaves are finely cut or laciniated, giving the plant a feathery effect. Rich green in color, but blanching to creamy white. Chiefly grown for summer and fall use. Price—Postpaid: Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.20. Not prepaid: Lb. \$1.10.

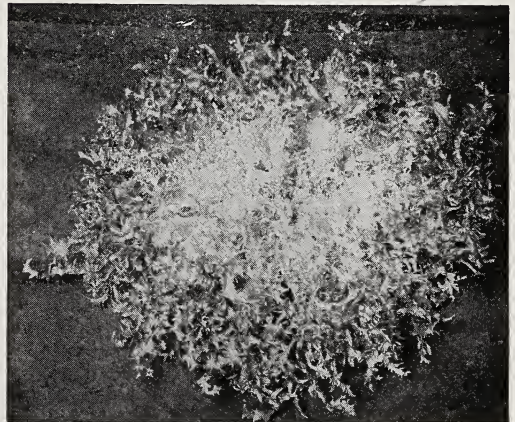
## Herbs

As the seed of most herbs are very small and delicate, the soil should be carefully prepared and kept entirely clean of weeds. Sow  $\frac{1}{2}$  inch deep, in drills, early in the spring, and transplant when the plants are large enough to rows 16 to 18 inches apart.

**Sage.**—Pkt., 10 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50.

**Thyme.**—Pkt., 10 cts.;  $\frac{1}{2}$  oz., 40 cts.; oz., 75 cts.

**Dill.**—Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 35 cts.; lb., \$1.00.

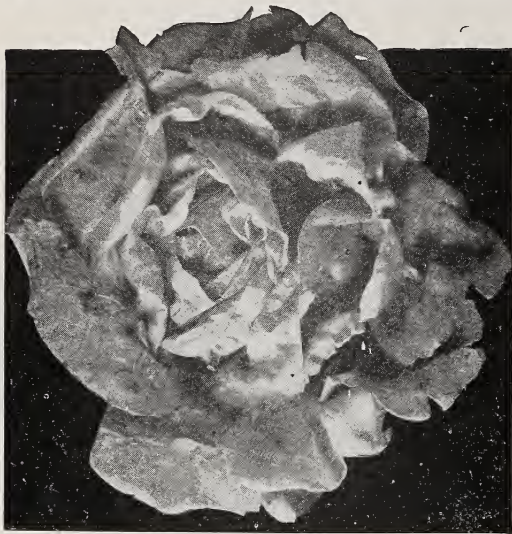


Green Curled Endive.



# Lettuce, the Salad Standby

**Culture.**—To grow early lettuce the seed should be sowed in January or February in seed boxes inside or under glass. When large enough harden by exposure to cold weather before setting outside. Transplant to rich mellow soil 8 to 12 inches apart in 18-inch rows, and keep well worked. Lettuce must have rapid growth to succeed. For a succession set every 3 weeks. Seed may be sowed in rows outside in the spring and plants thinned out. For fall use sow in July and August. One ounce will produce about 1,500 plants.



Wayahead Lettuce.

**Wayahead Lettuce.**—The earliest butterhead lettuce, not only being "wayahead" in earliness, but the tightly folded heads are generally larger in size. The outer leaves a light green, with the inner head finely bleached to a rich buttery yellow. "Wayahead" stands a longer time before running to seed than any other early-head variety. Price—Postpaid: Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50. Not prepaid: Lb. \$1.40.

**Big Boston (Improved Selected).** Very distinct variety, grown largely in the South as a winter lettuce. It forms large, solid heads, with broad, comparatively smooth and thin leaves. They are of light green color, and quite tender when well grown. Outside it is a less distinctive leading sort, the plants being vigorous, growing to a good size and forming loose heads. Price—Postpaid: Pkt., 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

**Iceberg.**—Very crisp variety, loose cabbage heading, late and very slow to shoot to seed. The head is extremely hard and well blanched, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. It is never spotted and the inner head leaves never colored. The quality is good crisp and firm, very sweet but not buttery in flavor. This lettuce always finds a ready market at satisfactory prices. Price—Postpaid: Pkt., 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.60. Not prepaid: Lb. \$1.50.

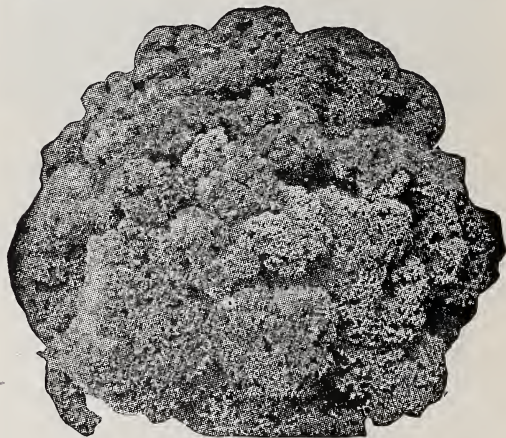


Cos Lettuce.

**Brittle-Ice.**—Grows to a larger size, is of more pleasing appearance, and retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-head variety. It is not suitable for shipping to distant markets. The plants are of quick, strong growth. The leaves are soft bright green, growing closely around the head. The heads are tightly folded, 6 to 8 inches in diameter, blanched to a silvery white, and as crisp as celery. Price—Postpaid: Pkt., 5 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.60. Not prepaid: Lb. \$1.50.

**Early Curled Simpson.**—A sure cropper even under adverse conditions. Makes a well blanched, curly, loose head; early, crisp, and tender. Especially adapted for sowing thickly in rows and cutting when the plants are young. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb. \$1.10; Not prepaid: Lb. \$1.00.

**Cos, or Romaine.**—Has no equal for quality. Forms long conical heads, which if tied up blanch a pure white and as crisp as celery stalks. Price—Postpaid: Pkt., 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25. Not prepaid: Lb. \$1.15.



Green Curled Scotch Kale.

## Kale or Borecole

**Culture.**—Spring, or Smooth Kale, may be sown either in the spring or fall, making greens earlier than the winter sorts. Make spring sowings in February and March. The Siberian and Scotch are the popular sorts for fall sowings; a limited quantity is also sown in the spring. Sow from August 15th to October 15th, either broadcast or in drills 18 inches apart, and give some cultivation, and they will yield greens throughout the winter. Sow 8 pounds per acre broadcast, 4 to 5 pounds in drills.

**Smooth Kale, or Spring Sprouts.**—A hardy, quick-growing, smooth-leaved variety. Sow at intervals of ten days, so as always to have it young and tender. Price—Postpaid: Pkt., 5 cts.;  $\frac{1}{4}$  lb., 10 cts.; lb., 30 cts.

**Early Curled Siberian (Blue Kale or Dwarf German Greens).**—A hardy, vigorous spreading green kale, with a distinctive bluish tinge. So hardy that it will stand the winter without protection and make rapid growth in the spring. The leaves are beautifully curled all around the edges and retain their crisp, fresh appearance long after cutting. Slow to run to seed. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 20 cts.; lb., 70 cts. Not prepaid: Lb., 60 cts.

**Green Curled Scotch or Norfolk.**—The dwarf spreading kale largely grown in the trucking sections of Eastern Virginia and the Carolinas. The leaves are deep green, beautifully curled and crimped. Very hardy and remains crisp long after cutting. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.



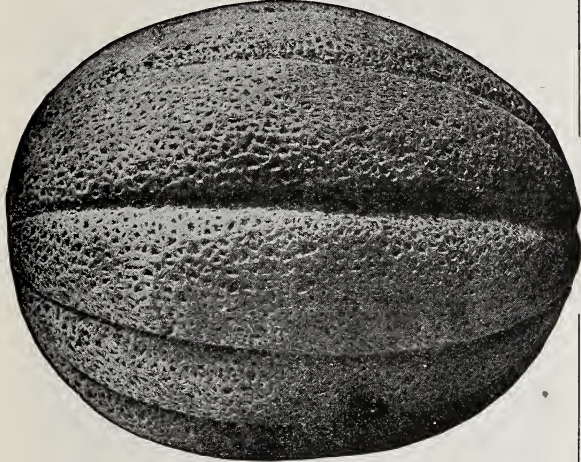
# Delicious Cantaloupes or Muskmelons

**Culture.**—Prepare hills 4 to 6 feet apart, in a rich, moderately dry sandy soil, using well-rotted manure. When frost is over, plant 10 to 12 seeds in each hill about 1 inch deep, and when well up, thin out, leaving 4 strong plants to the hill. To have more and better fruit, pinch off the vines, especially if the growth is rank. Give frequent but shallow cultivation till the vines cover the ground. Dust with sifted ashes, air-slacked lime or road-dust to keep off insects; spray with Bordeaux Mixture to prevent disease and improve the yield. Do not grow near cucumbers, squashes, etc. One oz. plants 50 hills; 2 lbs. to the acre.

**Pollock 10-25.**—An improved salmon fleshed Rocky Ford. See page 6. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$1.50. Not prepaid: Lb. \$1.40.

**Extra-Early Hackensack.**—Fine for the home garden or nearby market, but not well suited for shipping. It is an improvement on the old Hackensack or Turk's Cap, maturing 10 days earlier. The melons are of good size, and are heavily ribbed and netted; of attractive appearance. The flesh is a beautiful light green and quite thick. It is of the finest flavor. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.; ¼ lb. 35 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

**Early Knight.**—About a week earlier than the Rocky Ford, of uniform size; has thick, green flesh, of splendid flavor and appearance. A favorite market variety. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., \$1.25. Not prepaid: Lb., \$1.15.



Early Knight Cantaloupe.

**Rocky Ford Netted Gem (Selected Strain).**—The most popular melon in cultivation. Very popular as a shipper, fruits stand handling with little or no damage. Early and very prolific; flesh is light green with salmon flesh near the seed. We offer seed of the very finest strain, grown for us by specialists in this line, and subjected to the greatest care in selecting and curing. Price—Postpaid: Pkt., 5 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

**Eden Gem or Netted Rock Cantaloupe.**—This magnificent new muskmelon is a selection of the old Rocky Ford, which it completely surpasses in lusciousness; yield heavy; good shipper. Price—Postpaid: Pkt., 5 cts.; oz., 15 cts.; ¼ lb. 40 cts.; lb. \$1.35. Not prepaid: Lb. \$1.25.

**Defender or Burrell's Gem (Selected Strain)**—One of the best yellow-fleshed melons. It is excellent for shipping, and is a desirable intermediate sort for the home garden. The fruits are medium-sized, oval, slightly ribbed, covered with gray netting. The flesh is firm, fine grained and of highest flavor. The color is rich, deep orange-yellow. The flesh extends to the rind and retains its color and quality quite to the outer shell which, though thin, is very hard and firm. The vines are very vigorous and productive. Price—Postpaid: Pkt., 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.60. Not prepaid: Lb. \$1.50.

**Emerald Gem.**—The fruit is of good size, very smooth and of deep emerald green color. The flesh is of a rich salmon color, and ripens thoroughly to the extreme thin rind, and is very sweet and rich of flavor; very hardy and prolific, and grows to perfection in the South. This



Emerald Gem Cantaloupe.

melon follows the extra early sorts in ripening and lasts longer than most any variety. This melon is very popular for home gardens. Price—Postpaid: Pkt., 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.35. Not prepaid: Lb. \$1.25.

**Fordhook.**—The rind, though thin, is unusually firm and well netted; the thick salmon flesh is solid and sweet to the rind. One of the finest for market; also equally as good for the home garden. The introducer pronounced it equal to the Emerald Gem in delicious flavor. Price—Postpaid: Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.35. Not prepaid: Lb. \$1.25.

**Honey Dew.**—"As sweet as honey and fresh as the morning dew." It is certainly delicious, and everyone should grow it. The smooth thin skin is creamy white when ripe and so tough that the melon is practically sealed up and will keep for a month or more. Allow it 3 months to mature, pull when the blossom end is slightly soft, and keep a few days before serving. The flesh is good right up to rind. Price—Postpaid: Pkt., 5 cts.; oz., 15 cts.; ¼ lb. 45 cts.; lb. \$1.60. Not prepaid: Lb. \$1.50.

**Banana.**—The fruit is very long, cucumber-shaped, 18 to 24 inches; flesh yellow, thick, and of most delicious odor and flavor. Price—Postpaid: Pkt., 5 cts.; oz., 15 cts.; ¼ lb. 45 cts.; lb. \$1.60. Not prepaid: Lb. \$1.50.



Extra Early Hackensack.





Halbert Honey.

Tom Watson.

## Sweet Juicy Watermelons

**Culture.**—Prepare land and cultivate the same as recommended for cantaloupes, except the hills should be somewhat larger and placed 8 to 9 feet apart. New ground or a broom-straw field is an excellent place in which to grow melons, as they thrive best on light sandy soils. For a late crop of melons they may be planted as late as June 1st. One ounce of seed will plant about 30 hills; 3 pounds to the acre.

**Irish Gray.**—Good for shipping or home use. See page 6. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00. Not prepaid: Lb. 90 cts.

**Excel.**—This is the shippers' melon. It is well adapted to Southern conditions, and for shipping melon it can't be beat. The rind is tough and will withstand the roughest use in transit, besides being a heavy cropper. It is large, long, dark green melon with faint stripes, making a quick seller on the market. Flesh is red, very crisp, solid and a wonderful medium early shipper. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts. Not prepaid: Lb. 75 cts.

**Tom Watson.**—A medium early, long, green melon; thin, but tough rind, which makes it one of the best market and shipping varieties. Flesh is bright red, firm and very sweet. Has taken the lead over all other shipping melons, and sells for the highest prices in the Northern markets. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.

**Halbert Honey.**—Fine for home use and market, but too thin and brittle to stand shipment. Shape oblong, well filled to the ends, skin very dark green, showing a faint longitudinal tracing, or indentation in the rind; medium early and fairly large; flesh crimson and very sweet. Similar to Kleckley's Sweets, but more productive and not inclined toward pear shape. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 90 cts. Not prepaid: Lb. 80 cts.

**Kleckley's Sweets.**—A medium-sized melon; medium early and exceedingly sweet; oblong in form, slightly tapering toward stem. Rind very green; flesh very bright, rich

red, and ripens nearly to the rind. White seeded. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb., 95 cts. Not prepaid: Lb. 85 cts.

**Florida Favorite.**—Oblong in shape and grows to a fair size. Rind dark green with irregular stripes; flesh bright red and of fine quality; a good shipper. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts. Not prepaid: Lb. 70 cts.

**Georgia Rattlesnake.**—This melon, known also as the Striped Gypsy, is an oblong variety with decided stripes of light and dark green. The rind is tough and rather thick, while the flesh is bright red and of splendid quality. It attains a large size, is a particularly handsome melon, and can be shipped perhaps as far as any other kind. A splendid variety for late use. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts. Not prepaid: Lb. 70 cts.

**Preserving Citron.**—Makes excellent preserves. Also used for stock feeding. Keeps for a long time. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts. Not prepaid: Lb. 70 cts.

## Mustard

**Culture.**—Mustard can be grown at almost any time of the year. Sow the seed either broadcast or in light drills about 12 inches apart. Requires little or no cultivation, and will produce edible leaves within a few weeks after sowing.

**Southern Giant Curled.**—This is the best known and most popular variety. It grows rapidly and produces an abundant crop of "greens" or salad. The leaves are large and curled. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.

**Chinese Broad Leaved.**—Makes a large and tender growth for greens without bitter taste. Ready six weeks from sowing; sweet and pungent. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; Not prepaid: Lb. 65 cts.

*I did business with you last season and am glad to say I got the best results from your vegetable seed.*

J. W. HUGHES,  
La Grange, N. C.



Georgia Rattlesnake.



## Onion Seed and Sets

**Culture.**—Onions are grown from seeds and also from bulbs, called Sets. To grow onions from seed, plant in the open in early spring rather thickly,  $\frac{3}{4}$  inch deep in rows 18 inches apart, and later thin the plants to from 3 to 5 inches apart, and keep well cultivated. When grown this way 1 ounce of seed will sow 100 feet of row: 6 pounds to the acre. If Sets for planting the following spring are desired, sow the seed in March or April in wide rows, 20 to 40 pounds to the acre. When the tops die in the summer remove and store only the small Sets, spreading them thinly in a dry place, using the larger size for eating or pickling purposes. Onions require rich soil, and a liberal supply of manure from the poultry-house is very beneficial. But probably the most satisfactory way for the small home-gardener to grow early green onions is from the Sets. These may be put out in the spring, in March or April or in the fall, in September and October, 3 inches apart in rows 1 foot or more apart. One pound will set about 75 feet of row. Fertilize well and keep well cultivated.

**Extra Early White Pearl.**—The earliest of the white onions; makes large pearly white bulbs, tender, mild and of the best flavor. To make early spring onions, sow thickly in rows during March or early April; put out the sets next fall and you will have large onions next spring before any other kinds are ready. Price—Postpaid: Pkt., 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.60. Not prepaid: Lb. \$2.50.

**Silver Skin, or White Portugal.**—Grows to a good size; ripens early and evenly. Flesh and skin pure white; very mild and sweet; a good keeper. Besides making a fine market onion, it is largely grown for bunching, for sets and pickling. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.35. Not prepaid: Lb. \$2.25.

**Prize Taker or Spanish King.**—A very large onion, mild and fine grained; of globe shape, with light, straw-colored skin; requires a season to develop to full size. Is frequently sown in hot-beds and transplanted. By this method immense onions are produced. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00. Not prepaid: Lb. \$1.90.



Prize Taker, or Spanish King Onion.

**Yellow Globe Danvers.**—The best known and most largely grown yellow onion for spring planting. The bulbs are medium to large size, uniformly globe-shaped, have small necks and ripen evenly. The skin is light yellow; flesh is creamy white, crisp and mild in flavor. A fine keeper, matures early and is universally recommended for general crop. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.75. Not prepaid: Lb. \$1.65.

**Large Red Wethersfield.**—The most generally grown and best known variety. The bulbs are large, somewhat flattened; skin purplish red; flesh purplish white; very hard and solid; an excellent keeper and a heavy cropper. A good onion for poor and dry soils. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.75. Not prepaid: Lb. \$1.65.

### ONION SETS BY WEIGHT

One Pound equals About One Quart

**Silver Skin.**—Price—Postpaid: Lb 35 cts.; 5 lbs. 85 cts.; 10 lbs. \$1.50. Not prepaid: Lb. 25 cts.

**Yellow Danver.**—Price—Postpaid: Lb. 30 cts.; 5 lbs. 70 cts.; 10 lbs. \$1.25. Not prepaid: Lb. 20 cts.

**Red Wethersfield.**—Price—Postpaid: Lb. 30 cts.; 5 lbs. 70 cts.; 10 lbs. \$1.25. Not prepaid: Lb. 20 cts.

**Extra Early White Pearl.**—Recommended for fall planting. Price—Postpaid: Lb. 35 cts.; 5 lbs. 85 cts.; 10 lbs. \$1.50. Not prepaid: Lb. 25 cts.

Larger quantities quoted on request.

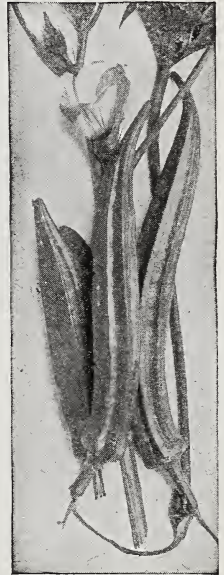
## Okra or Gumbo

**Culture.**—When the ground has become warm, sow thickly in drills 3 feet apart and thin out to a foot apart. For winter use, slice into narrow rings when young, string them and hang in the shade to dry, or they may be pickled like cucumbers, or canned. One ounce will sow 30 feet of drill.

**White Velvet.**—Bears round, white, smooth pods without ridges like other varieties. The extra large pods are produced in great abundance. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**Improved Dwarf Green Prolific.**—Dwarf, but immensely productive. The pods are tender and of the best quality, and are borne throughout the season. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**Tall Green.**—Long pods; grows 5 to 6 feet high. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 20 cts.; lb., 60 cts. Not prepaid: Lb. 50 cts.



White Velvet Okra.

## Parsley

**Culture.**—Sow in February, March or early in April, half inch deep, in rows a foot apart, pressing the soil after sowing. Slow to germinate, sometimes two or three weeks in coming up. Germination may be hastened by soaking 24 to 36 hours before sowing, or by covering the rows with boards to retain the moisture. A few radish seeds should be sown in the row with parsley to mark the row and allow early cultivation. The radishes can be pulled early and will not interfere with the parsley.



**Double Curled.**—The best and most improved strain. It is beautifully curled and crimped, and is best for garnishing and flavoring. If cut when about 3 inches high, it starts a new growth that will be better curled and a brighter color. It makes an ornamental plant for edging walks. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb. 85 cts. Not prepaid: Lb. 75 cts.



# Peas of Perfection

**Culture.**—Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a continuous crop, plant every two weeks—as late as August for a late crop. Plant 2 to 3 inches deep in rows about 3 feet apart, and stake the tall varieties with brush. They should be kept clean and the earth worked toward them two or three times during growth. Gather as fast as they are fit to use, otherwise they will stop bearing. Two pounds will plant 100 feet of drill; 100 pounds for an acre.



**Mammoth Podded Extra Early Peas.**

**Extra Early Alaska.**—Deservedly popular with growers for early market because of its earliness, uniform maturity and abundance of pods, which retain their rich green color long after picking. For canning it ranks among the best. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$1.90. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.60; 100 lbs. \$14.00.

**Ameer.**—Resembles Alaska in general habit. Has little longer vine (about 3 feet), and not quite so early, but with larger handsomely shaped pods. Ripens uniformly, quality excellent. Price—Postpaid: Pkt., 10 cts.; lb., 35 cts.; 10 lbs. \$1.90. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.55; 100 lbs. \$13.50.

**Mammoth Podded Extra Early.**—Produces the largest pods of any of the extra early smooth seeded varieties, being fully one-fourth larger than Alaska. Matures practically with Alaska and is much more productive; seed large, smooth and white. Vines and foliage robust, heavy and medium green. Height 3 feet. Pods light green, 4 in. long, round, broad, saddle-backed and square ended, containing 7 extra large light green peas. A very productive and extra fine sort, bound to take first place as a leading market gardener's first early pea. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.15. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.80; 100 lbs. \$16.00.

**Gradus, or Prosperity.**—The largest early Wrinkled Pea; vine has heavy stems and grows about 3 feet high; peas of excellent flavor and remain tender and sweet for some time after they are large enough for use. Best second early variety for family use. Price—Postpaid: Pkt., 10 cts.; lb. 35 cts.; 10 lbs. \$2.15. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.80; 100 lbs. \$16.00.

**Champion of England.**—Universally admitted to be one of the best late peas grown. Highly prized by those who are fond of a large, tender and luscious pea. Hardy and vigorous in growth; pods 3 inches long, broad, nearly straight; medium dark green color. Of delicious flavor; a very profuse bearer. Especially recommended for the home garden. Height, 4 to 5 feet. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.05. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.70; 100 lbs. \$15.00.

**Marvelous.**—A superior new dwarf variety. See page 6. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$17.00.

**Laxtonian.**—This handsome wrinkled pea is the largest podded of the dwarf varieties. The dark green pods are similar to Gradus in shape and splendid quality, are nearly as large in size and often mature a little earlier. Vines vigorous and productive, averaging fifteen to eighteen inches high; foliage dark green; pods about four inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Price—Postpaid: Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$17.00.



**Laxtonian Peas.**

**Thomas Laxton.**—This is a very early wrinkled variety of great merit. The vines are vigorous, of medium height, about three feet, similar to those of Gradus, but darker in color, hardier and more productive. The pods are large, often four inches long, with square ends, similar to, but larger, and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. One of the very best sorts for the market and home garden. Price—Postpaid: Pkt., 10 cts.; lb., 35 cts.; 10 lbs. \$2.25. Not prepaid: Lb. 25 cts.; 10 lbs. \$1.90; 100 lbs. \$17.00.

**Mammoth Melting Sugar (Cabbage Pea).**—This is one of the best known of all edible-podded peas. The vines grow luxuriantly and reach a height of 6 to 7 feet. The pods are borne in great profusion all over the vine and they should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans and make a delicious and palatable dish. Price—Postpaid: Pkt. 10 cts.; 1/2 lb. 25 cts.; lb. 45 cts.; 10 lbs. \$3.10. Not prepaid: Lb. 35 cts.; 10 lbs. \$2.75; 100 lbs. \$20.00.

**INOCULATE THIS  
SEED WITH  
FARMOGERM**



**The Effect of Inoculation on Garden Peas.**

**Do Not Allow Peas to Get Too Old Before Gathering. Make Frequent Plantings.**





Ruby King.

Bell or Bull Nose.

## Pepper

**Culture.**—Sow in hotbed in February or March, cover  $\frac{1}{4}$  inch deep, and transplant outside in May, 18 inches apart, in 2 or 3 foot rows. When the ground becomes warm, sow outside and transplant as above. Cultivate well and keep free of weeds. Hen manure, liquid manure, or a good garden fertilizer, if worked into the soil when the plants are 6 inches high, will materially increase the yield. One ounce will produce about 1,200 plants.

**Large Bell or Bull Nose.**—A large pepper that ripens early and uniformly; large fruits with thick mild flesh, of excellent quality for use in salads or for stuffing and mangoes: a good bearer. Price—Postpaid: Pkt., 10 cts.; ounce 25 cts.,  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.85. Not prepaid: Lb. \$2.75.

**Ruby King.**—One of the most popular of the large varieties, 4 to 6 inches long by 3 to 4 inches across; flesh very thick, sweet and so mild that it may be served with vinegar, or they may be stuffed. The green fruits make excellent pickles. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb., \$2.85. Not prepaid: Lb. \$2.75.

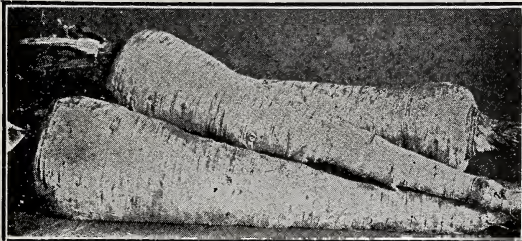
**Pimento.**—Can be eaten raw like an apple, stuffed with meats, rice, etc., and baked; can be served as a salad, made into Spanish omelettes, and for canning is especially fine; smooth and uniform in shape and size; an abundant bearer and continues in bearing until frost. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 85 cts.; lb., \$3.10. Not prepaid: Lb. \$3.00.

**Long Red Cayenne.**—Very hot; used for pickling and drying for winter use; 3 to 4 inches long; a profuse yielder. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 80 cts.; lb. \$2.85. Not prepaid: Lb. \$2.75.

**Small Red Chili.**—The bushes are broad and seldom more than 20 inches high. The fruits are small, thin and coral-red, and early maturing. It has a very hot taste; used a great deal for pepper vinegar. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 85 cts.; lb. \$3.10. Not prepaid: Lb. \$3.00.

## Parsnip

**Culture.**—Plant as early in the spring as the weather will permit till the middle of June. Plant  $\frac{1}{2}$  inch deep in a rich, deeply worked, sandy loam, in rows 18 inches apart, cover lightly, and when 2 inches high, thin out to 4 to 5 inches apart. Parsnips germinate slowly, especially in



Hollow Crown Parsnip.

dry weather; plant a few radish seeds with them to mark the row for early cultivation. Parsnips are improved by frost, so they can be dug as wanted, or stored for winter use. One ounce sows 200 feet of drill; 5 lbs., sows an acre.

**Sugar or Hollow Crown.**—A standard variety, making long, smooth, white roots, uniform in shape, tender and well flavored. Fine for both table and stock. Price—Postpaid: Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 35 cts.; lb., \$1.25. Not prepaid: Lb. \$1.15.

## Pumpkin

**Culture.**—Pumpkins do not require as rich soil as squashes, cucumbers and melons, but on good land the pumpkins will be much larger. Plant in May or June in hills 8 to 10 feet apart, mixing well-rotted manure in each hill. Put 8 to 10 seeds in each hill, 1 inch deep, and cultivate till the vines get strong, when they should be thinned out, leaving two or three of the strongest in each hill. When planted in corn plant at the same time as the corn, in every fourth row, 10 to 12 feet apart in the rows, letting the hill of pumpkins take the place of a hill of corn. Do not grow near squashes or melons. Keep off bugs by dusting with Bug Death, Paris Green, or land plaster. One ounce will plant 20 hills; three pounds, one acre.

**Large Cheese.**—This is one of the best late varieties. The skin is of a bright orange, and the flesh yellow and sweet. It is also a good keeper, and very fine for wintering stock. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.



Large Cheese Pumpkin.

**Yellow Cushaw Crookneck.**—Grows to a medium size; color light yellow, and is the best variety for table use. Should have a place in every home garden and is also an excellent market sort. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00. Not prepaid: Lb. 90 cts.

**King of the Mammoths.**—An immense variety which has taken numerous prizes for the largest pumpkin grown; single pumpkins sometimes weigh over 100 pounds. The flesh is a splendid golden yellow; and excellent keeper and fine for making pies and for stock feeding. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb., \$1.10. Not prepaid: Lb. \$1.00.

All corn, beans and other seeds bought from you have been true to name and satisfactory in every respect.

J. E. PIPPIN,  
Fremont, N. C.



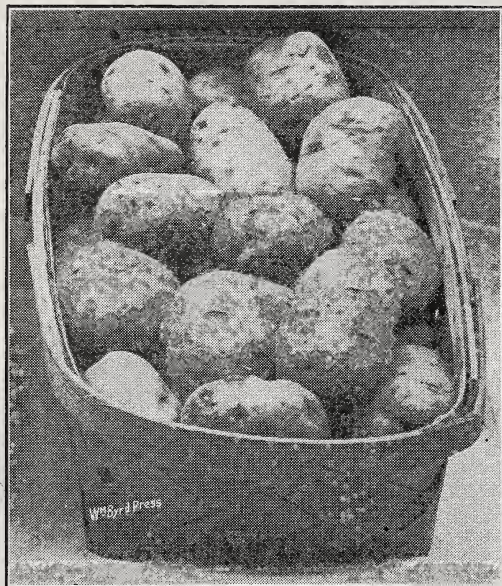
## Selected Northern Seed Potatoes

**NORTHERN GROWN STOCK, SELECTED AND GROWN ESPECIALLY FOR SEED PURPOSES.**

Prices of Potatoes are subject to change without notice, and are invariably cash, "F. O. B. Elizabeth City."

We assume no risk on Potatoes, and ship strictly on purchaser's responsibility.

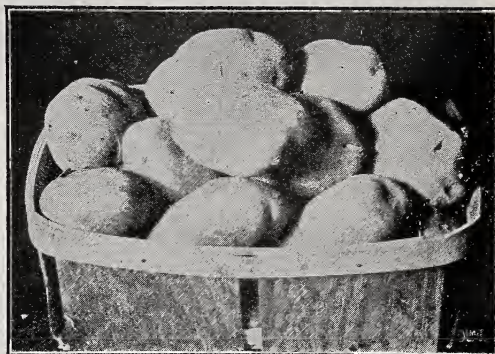
**Culture.**—Good, well-drained, fibrous loam will produce potatoes under right climatic conditions. For early potatoes, which mature 8 to 10 weeks from planting, the soil must be rich. Potatoes are planted at various times—both early and late. Cut the tubers so there will be 2 to 3 eyes to each piece. Plant in hills or rows about 3 feet apart and from 15 to 18 inches apart in the row. Spray the leaves of the young plants with a Bordeaux-Arsenate-of-Lead mixture as a protection against blight and attacks of beetles. One peck will plant about 100 feet of row, or 100 hills; 10 bushels are required to plant an acre.



Irish Cobbler Potatoes.

**Maine Grown Irish Cobbler** (Selected and grown specially for seed purposes, superior both in quality and productiveness).—The Irish Cobbler still maintains its popularity everywhere as one of the best, earliest and largest-yielding varieties, and we recommend it strongly as a most desirable and productive extra-early variety of excellent table qualities. It produces smooth, round, plump and handsome tubers, ready for market 10 to 12 days earlier than Early Rose. The tubers are a beautiful creamy white, eyes strong, well developed and slightly indented. Fresh white, skin even and slightly netted, which in potatoes, always proves a distinctive mark of fine quality. Our stock of these potatoes, both of the Maine and second-crop seed, are specially grown and selected for seed purposes, and the excellent reports we have received from our customers, testify very strongly to their superiority over ordinary stocks. Price—Postpaid:  $\frac{1}{2}$  pk., 65 cts.; pk. \$1.10;  $\frac{1}{2}$  bu. \$2.00; bu. \$3.50. Not prepaid: Pk. 70 cts.; bu. \$2.30; 11 pk. sack, \$5.75.

**Red Bliss, or Triumph.**—To those who prefer a potato with a pink skin and white flesh or those who grow for markets where this color is in demand, we recommend Red Bliss. It is one of the very earliest, nearly round, peels without waste, a fine yielder and makes a very handsome potato. Many of the potatoes sold as new Bermuda potatoes, are second crop Red Bliss. Price—Postpaid:  $\frac{1}{2}$  pk. 70 cts.; pk. \$1.20;  $\frac{1}{2}$  bu. \$2.05; bu. \$3.60. Not prepaid: Pk. 75 cts.; bu. \$2.40; 11 pk. sack, \$6.25.



Red Bliss, or Triumph.

**Early Rose.**—After more than a generation of unparalleled popularity, Early Rose is still in demand. Not as early as Irish Cobbler and Red Bliss, but a good yielder, and a good general purpose early potato. It supplies the demand for a longer potato than Cobbler and Bliss, and still holds all the good qualities that for many years made it the leading variety. Price on application.

**Improved Peach Blow.**—An old favorite for late planting; color of skin slightly tinged with pink; of attractive appearance, and one of the best keepers. Our stock of these potatoes is superior to the old Peach Blow, being rounder in shape and of better quality. The Peach Blow Potato is one of the most dependable late-cropping varieties in our list, standing adverse conditions of drought and heat better than other kinds. Very popular throughout the South. Price on application.

All prices subject to change.



Improved Peach Blow Potatoes

Mr. A. K. Robertson, Wayne County Demonstrator, was kind enough to mention your company to me and recommended your seed to be of highest purity and germination.

BEN CAMPEN,  
Goldsboro, N. C.



## Crisp Radishes

**Culture.**—To be tender and crisp, radishes must be grown quickly, and this requires rich soil, and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of ten days, in a light, rich, deeply worked soil. May also be sown as a catch-crop between rows of beets, lettuce, onions, etc., or sown in the same drill with slow-growing vegetables like carrots and parsnips. When forced in hot beds, they must have plenty of ventilation and moisture. For fall and winter use, sow the winter varieties in August or September. One ounce will sow 50 feet; 15 to 20 pounds one acre.

**Early Red, or Scarlet Turnip.**—No radish is more popular for the home garden. A quick-growing, round red radish, with small tops; rich red color; crisp and tender. Fine for early our-door planting. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts. Not prepaid: Pkt., 65 cts.

**Early White-Tipped Scarlet Turnip (Rosy Gem).** A fine forcing radish. Very early; makes beautiful, deep scarlet roots with white tip; crisp, tender and mild. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 75 cts. Not prepaid: Lb. 65 cts.

**Scarlet Globe.**—Forms medium-sized round roots, with a tendency to grow oval as they increase in size. They are ready for table use in four to five weeks from outdoor spring sowing. Under glass they mature considerably quicker. The quality is superb, and the handsome appearance of the brilliantly colored skin gave it its popularity. A standard market variety. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb., 80 cts. Not prepaid: Lb. 70 cts.



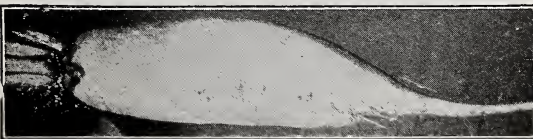
Early Long Scarlet Short Top Radish.

**French Breakfast.**—A white-tipped, olive-shaped sort, and one of the earliest forcing varieties, but should be used while young. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.

**Early Long Scarlet Short Top.**—The standard long variety. Early and of excellent quality. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 75 cts. Not prepaid: Lb. 65 cts.

**Long White Icicle.**—A beautiful, long white radish; crisp, clean and tender. A good variety for family use. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb. 75 cts. Not prepaid: Lb., 65 cts.

**Rose China Winter.**—Roots cylindrical; color bright rose; flesh white and of superior quality. One of the best.



French Breakfast Radish.

Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb. \$1.00. Not prepaid: Lb. 90 cts.

**White Chinese, or Celestial.**—An outstanding variety, growing to enormous size. The roots are cylindrical and grow 12 to 15 inches long with a diameter of 5 inches. The flesh is crisp, juicy, and tender. Agreeably mild in flavor. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb. 90 cts. Not prepaid: Lb. 80 cts.

## Salsify or Oyster Plant

**Culture.**—Sow in March or April in rich, light, deeply-worked soil, in rows 18 inches apart, and thin out to 4 to 6 inches. Do not use coarse or fresh manure, it will make the roots ill-shaped and uneven. Cultivate often to keep down weeds. Perfectly hardy and may remain out all winter. Can also be sown in May and June, provided we get seasonable weather or boards be used to get the seeds up and shade the young sprouts until they get well established. One ounce will sow 50 feet of drill; eight pounds one acre.

### Mammoth Sandwich

**Island.**—The most popular salsify in cultivation, and far superior to the old varieties in size, weight and productiveness. A strong grower, with large, long, white tapering roots, without a tendency to branch. We have taken great care in the selection of our seed stock so as to produce not only good size, but the smoothest roots possible, qualities that will be appreciated both by market and private growers. Price—Postpaid: Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.50. Not prepaid: Lb. \$1.40.



Mammoth Sandwich Island Salsify



## Spinach

**Culture.**—For early summer use, sow early in spring in a good, well-fertilized soil, in drills 1 inch deep,  $1\frac{1}{2}$  to 2 feet between the rows. For winter and spring use, sow from September to December 15th. Requires but little cultivation. Two ounces will sow 100 feet of drill, 12 to 15 pounds one acre. The above applies to all varieties except New Zealand, which should be planted after frost is over.



Norfolk Savoy Spinach.

**New Zealand.**—Thrives during the hottest summer weather and in any soil, rich or poor, a single plant covering a space about 4 feet square. The tender tips may be cut every few days; after cutting the plant puts out new growth and continues till frost. Soak for 24 hours and plant 4 seeds in hills 2 feet apart each way. Price—Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00. Not prepaid: Lb. 90 cts.

**Norfolk Savoy, or Bloomsdale.**—This is decidedly the most popular variety for both spring and fall sowing. Very early hardy curled leaves. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts. Not prepaid: Lb. 40 cts.

**Long Standing.**—A thick-leaved sort that remains in condition longer than any other sort. Rarely runs to seed. Leaves smooth, dark green. A good sort for spring planting. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts. Not prepaid: Lb. 40 cts.

## STIM--PLANT

**Analysis.**—Nitrogen 11%; phosphoric acid 12%; potash 15%.

Stim-U-plant is a highly concentrated fertilizer for vegetable gardens and flowering plants. It is put up in convenient tablet form for use either directly to the plant or may be dissolved in water. 10-tablet pkg., 15 cts.; 30-tablet pkg., 25 cts.; 100-tablet pkg., 75 cts., postpaid.

*I have been using your seeds for several years. They have always been just what you said they were so I hope to continue trading with you.*

E. R. LEECH,  
Roanoke, Va.

## Squash or Cymling

**Culture.**—After danger of frost is past, plant in a warm well-pulverized, rich soil, mixing well-rotted manure in each hill. Plant about 1 inch deep, 8 or 10 seeds to the hill, the summer varieties 3 to 4 feet apart, the winter sorts 8 to 10 feet. When well grown, thin out, leaving 3 of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Apply Bug Death, land plaster, air-slaked lime or Paris Green to keep off bugs; for the large squash bug, use kerosene emulsion. Plant summer sorts, 1 ounce to 25 hills, 3 or 4 pounds to an acre; winter sorts, 1 ounce to 10 hills, 3 or 4 pounds to the acre.

**Early White Bush, or Patty-Pan Cymling.**—For many years the most popular squash for shipping, for nearby markets and home use. It is early, very prolific, an excellent shipper; light cream color. In every way a good yielding and satisfactory squash. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

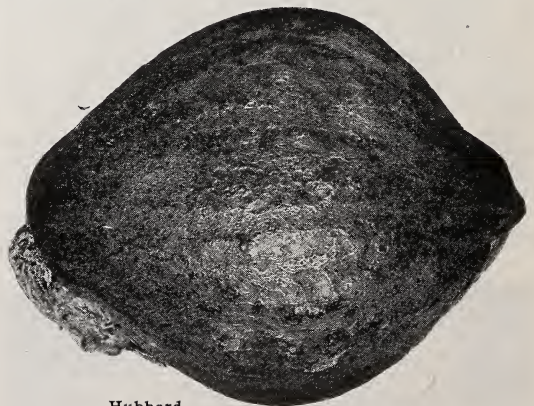
**Mammoth White Bush.**—Quite similar to the Early White Bush from which it was originally selected. It differs in being larger and more uniform in shape; color a beautiful waxy white; the fruits are thick, the flesh tender and of the best quality. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25. Not prepaid: Lb. \$1.15.



Mammoth White Bush.

**Giant Summer Crookneck.**—The largest and earliest of the crookneck squashes, often  $1\frac{1}{2}$  to 2 feet long. Of dwarf, bushy habit; very productive; bears early and continues through the summer; of rich golden yellow color, thickly warted and of excellent quality. Price—Postpaid: Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

**Hubbard.**—One of the most widely grown winter squashes. Large and heavy, with bright orange flesh; fine grained, very dry, sweet and richly flavored; fine keeper; none better for squash pies. Price—Postpaid: Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.10. Not prepaid: Lb. \$1.00.

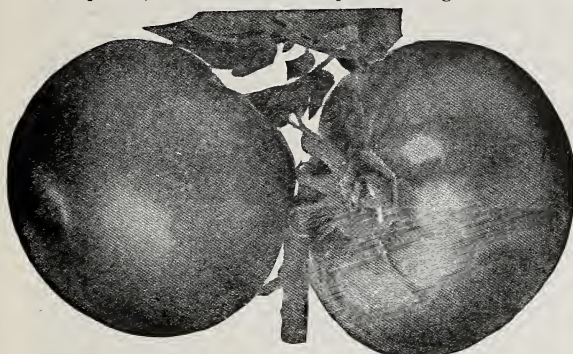


Hubbard.



# Meaty Tomatoes, Early and Late

**Culture.**—Six or 8 weeks before frost is over sow in hot-beds, in pots or shallow boxes in the house, and when they have made 4 leaves transplant in the beds to promote root growth. Expose as much as possible to harden them, so that when set out on the open ground they will be strong and stocky, but do not allow the growth to be checked. Transplant 3 to 4 feet apart in a light, warm soil, and cultivate as long as possible. When transplanted, puddle the plants and shade them a few days until they are well rooted. The earliest fruits may be had by growing in pots, shifting to larger pots as they become filled with roots. Earliness may also be promoted by pinching off all the branches except the one most thrifty and tying this and the main stem to stakes. If all useless growth is removed by pinching out the side branches the plants may be set closer and will produce more perfect fruits and a more abundant crop. One ounce makes about 1,500 plants; 4 ounces will make plants enough for an acre.



June Pink Tomato.

**Norton.**—New wilt resistant tomato, see page 7. Price—Postpaid: Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.60; lb. \$6.00.

**Spark's Earliana.**—Extremely early and of the very best quality. The vines are hardy and productive, although they are of only medium size. The fruit is of medium size, smooth, nearly round and of a deep scarlet color. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 80 cts.; lb. \$3.00. Not prepaid: Lb. \$2.90.

**Chalk's Early Jewel.**—This famous early variety originated with a market gardener near Norristown, Pa., who is noted for the fine selection of almost every crop he grows; it is a remarkable variety which follows the Earliana in ripening, more solid and of finer form. Color bright scarlet, and a very desirable variety for either market or private garden. Price—Postpaid: Pkt., 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$3.00. Not prepaid: Lb. \$2.90.

**Bonny Best (Early).**—This variety is a selection of Chalk's Jewel. The fruits are generally borne in clusters of from 3 to 5. The single fruits are of good size, weighing about 5 to 6 ounces each. They are flattened but smooth,



Bonny Best Tomato.

of a solid red up to the stem, and do not crack. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 80 cts.; lb., \$3.00. Not prepaid: Lb. \$2.90.

**June Pink.**—Extra early; good shipper. An extra early, purplish-pink tomato, similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruit and time of maturing. This is a variety of exceptional value to market gardeners. Price—Postpaid: Pkt., 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.; lb. \$3.25. Not prepaid: Lb. \$3.15.

**Acme.**—Ripens early, of medium size, glossy red with purplish tinge; round, smooth, free from cracks. An excellent tomato for market gardeners' use. Price—Postpaid: Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 70 cts.; lb. \$2.60. Not prepaid: Lb. \$2.50.

**Stone.**—One of the most valuable, all-round sorts on our entire list. The fruit is large, of dark brick red color, fleshy and is not subject to rot like some varieties; nor does it ever have a green core. We can especially recommend it for a late crop, and very desirable for canning. Price—Postpaid: Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 70 cts.; lb. \$2.50. Not prepaid: Lb. \$2.40.



Brimmer Tomato.

**Matchless.**—Bright red; skin is so tough that it is a splendid keeper and shipper; is less liable to crack in wet weather than any other large tomato. Fruit is free from core; seed spaces are small; leaves are of a rich dark green, very luxuriant, indicating great vigor, giving the plant ability to produce fruit of the largest size throughout the entire season. We can highly recommend it to all our friends, especially to those who are running market gardens. Price—Postpaid: Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 80 cts.; lb. \$3.00. Not prepaid: Lb. \$2.90.

**The Brimmer.**—This Tomato is similar to the well-known Ponderosa, but is even larger than that variety. It has strong healthy vines and is very productive. It is not an early variety, but its flesh is solid and meaty, and has very few seeds. A splendid Tomato for family use, but most too large for a profitable market sort. Price—Postpaid: Pkt., 15 cts.; oz., 70 cts.;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.00. Not prepaid: Lb. \$6.90.

**Ponderosa.**—Unquestionably one of the largest tomatoes grown. The vines are vigorous, producing a very large stalk and an unusually thick stem, which is accounted for in the great size and weight of the fruit. It is one of the best flavored sorts grown, almost solid, and contains scarcely any seed. The fruit, when ripe, is cardinal red, and on account of its compact structure will keep longer than any other sort. Price—Postpaid: Pkt., 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50. Not prepaid: Lb. \$4.40.

Try Brimmer for Largest Size and Best Quality Tomatoes.



# Turnips for Roots and Salad

**Culture.**—One ounce is sufficient for 100 feet of drill;  $1\frac{1}{2}$  to 2 pounds to an acre. The successful cultivation of turnips requires land which has been thoroughly enriched and put in the best condition. For spring use, sow the earlier varieties about the last of February, three-quarters of an inch deep in drills 18 inches apart, and thin the plants to 6 inches apart. For fall and winter supply, sow from the middle of July to first of November, the strap-leaf varieties will usually make turnips if sown as late as the middle of October. For the rutabagas and large turnips the drills ought to be 2 feet apart, and the plants thinned to 10 inches. If desired, they may be also sowed broadcast.



Extra Early White Milan.

**Extra Early White Milan.**—The Milans leave nothing to be desired in the way of an extra early garden turnip. They are the earliest varieties grown, at least a week earlier than any other; have small tops, so that the rows can be planted close together. The flesh is clear ivory white; the skin is perfectly smooth. They are without an equal for the table. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts. Not prepaid: Lb. 65 cts.

**Early Red, or Purple Top Flat Strap-Leaf.**—This is one of the best table turnips on the market, being fine grained and of mild flavor. It is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. A good cropper and an excellent keeper. Price Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**Mammoth Red Top White Globe.**—Makes large globe-shaped roots, white with purple tops. A big yield; fine for the table, market and stock feeding. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 70 cts. Not prepaid: Lb. 60 cts.

**Large White Norfolk Globe.**—Like the Mammoth Red Top Globe, this variety is an enormous yielder. The roots are large, globe-shape, comparatively smooth; tops green, bottoms white. The flesh is of good quality and suitable for table use. This variety makes the best for putting up for winter, since it keeps much better than other sorts. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**Pomeranian White Globe.**—Extra large round, white; fine for table and stock; a big yielder. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**Long White Cowhorn.**—A very productive quick-growing turnip of excellent quality, fine-grained and very sweet. Often used as a soil improver. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 20 cts.; lb., 60 cts. Not prepaid: Lb., 40 cts.

**Purple Top Yellow Aberdeen.**—A splendid keeper. Flesh is yellow, very solid, tender and sweet. Hardy and a good yielder; fine stock turnip. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**Golden Ball, or Orange Jelly.**—One of the sweetest and best yellow turnips; hardy; flesh is firm and of most excellent flavor. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

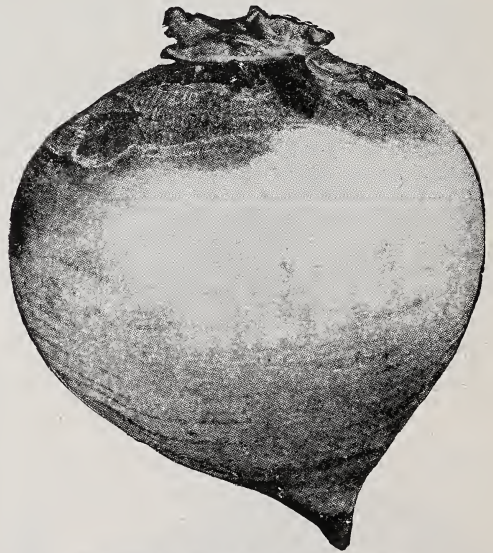
**Seven Top.**—This variety is grown altogether for its tops. It does not make a root of sufficient size to eat.

It is the best salad turnip grown, and the tops will continue to come after being cut. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 15 cts.; lb. 50 cts. Not prepaid: Lb. 40 cts.

**Southern Prize.**—Makes an abundant growth of tops, and at the same time produces a medium-size root, which is white and of good quality. Price—Postpaid: Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts. Not prepaid: Lb. 50 cts.

**White French or Breadstone.**—Flesh white, hard and firm, partaking much of the nature of a Rutabaga. Should be sown much earlier than the flat varieties. Used too soon is apt to be hard, but mellows like an apple. Good keeper. Price—Postpaid: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 70 cts. Not prepaid: Lb. 60 cts.

**Improved Purple Top Yellow Rutabaga.**—A strain of Purple Top Yellow rutabaga of American origin, selected to a smaller top and much shorter neck than is usually found, while the roots are a little globular, grow to a large size and are of the finest quality. Excellent for table use and stock feeding. We consider this the most desirable sort. Price—Postpaid: Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 70 cts. Not prepaid: Lb. 60 cts.



Improved Purple Top Rutabaga.

## PLANTS IN SEASON

Asparagus Roots, \$1.50 per 100.

Rhubarb Roots, 20 cts. each, \$1.50 per dozen.

Tomato Plants  
Collard Plants  
Eggplants

Cabbage Plants  
Celery Plants  
Pepper Plants

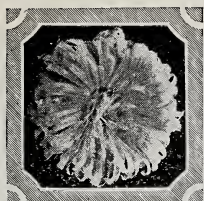
Varieties and Prices on Application.

Strawberry Plants, \$1.00 per 100.

All Varieties.

Shipment During Entire Season.





## B. W. Quality Flower Seeds for Southern Gardens

SENT POSTPAID AND SAFE DELIVERY GUARANTEED

### StimUplant

Makes a  
Wonder Garden

as Alyssum, Asters, Calliopis, Centaurea, Cosmos, Nasturtiums, Dianthus, Poppies, Verbenas, and Zinnias.

**THE SOIL** best suited to flowers is a light rich loam, made as fine and smooth as possible. If heavy, mix with sand to lighten and make it friable. Many seeds are very small and require a fine seed-bed. A good plan is to cover the place where the seeds are to be sown with pine-tags, coarse manure, leaves and other litter, and allow it to remain for a few weeks. The soil will then be finely pulverized and in a splendid condition to start the seeds.

**SOW THE SEEDS** either broadcast or in rows, and cover lightly—a good general rule is to cover four to six times the size of the seeds—and press the soil firmly. **Small seeds cannot come up if covered too deep.** Very fine seeds should be sown on the surface and pressed into the soil. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. Water with a fine spray, do not let the soil dry out, do not keep the young plants saturated, as they may damp off. When three or four leaves have formed transplant one inch apart in boxes or in the open ground if warm enough.

**ANNUALS** attain full growth from seed, bloom and die

in one season. Sow Hardy Annuals in March or April, or earlier indoors for transplanting outside. Hardy Annuals may be sown in the fall for earlier spring blooming. They make larger flowers and more brilliant colors than Spring sowings.

**PERENNIALS** usually bloom the second year after sowing and continue to bloom for many years. Fall sowings or early sowings indoors usually produce blooms the first season.

**BIENNIALS** bloom the second year after sowing and then die. Like perennials, they may be sown early indoors or in the fall.

**HALF HARDY and TENDER FLOWERS** should not be sown or transplanted outside until the weather is settled and warm. Cyclamen, Primulas, and Smilax are tender and should be kept in pots, shifting to larger pots as the growth requires.

**HORNY SHELL SEEDS** like Moon Flower, Canna and Japanese Morning Glory should have a hole filed through the outer shell, or soaked in warm water 36 hours before planting.

## LOVELY ASTERS

During the late summer and early fall the garden is usually a riot of reds and yellows, so the Asters in their dainty and distinct colors as well as their many attractive forms are a pleasing addition. The long stems make them desirable for cut flowers and the blooms last long in water. It should be remembered however in regard to Asters that good culture is essential in order to obtain an abundance of fine flowers.

**Queen of the Market**—The best of the extra-early varieties, fully two weeks ahead of all others. Flowers quite large and double. Mixed. Price—Pkt. 10 cts.;  $\frac{1}{8}$  oz. 20 cts.; oz. \$1.00.

**Giant Branching Comet**—Resembling the Japanese Chrysanthemum. The flowers are from 3 to 4 $\frac{1}{2}$  inches in diameter, perfectly double, on long stems. Mixed colors. Price—Pkt. 10 cts.;  $\frac{1}{8}$  oz. 25 cts.

**New Giant Crego**—Strong, well branched plants, 2 feet high, large double flowers, on long stems, petals irregularly curled and twisted. Very fine. The longest keeping cut flower. Mixed colors. Price—Pkt. 10 cts.;  $\frac{1}{8}$  oz. 20 cts.

**New King Aster**—A distinct new type. Very large, double flowers, with long, narrow, folded, needle-like petals. Flowers resemble Cactus Dahlias. Very attractive, all colors. Price—Pkt. 10 cts.;  $\frac{1}{8}$  oz. 25c.

**Asters in Separate Colors**—Made up from the most desirable varieties, having long stems. Suitable for cutting, bordering or beds. Pkts. contain at least 250 seeds. Pure white, pkt. 10 cts.; Delicate pink, pkt. 10 cts.; Blue and lavender, pkt. 10 cts. For a nice collection buy a packet of each.

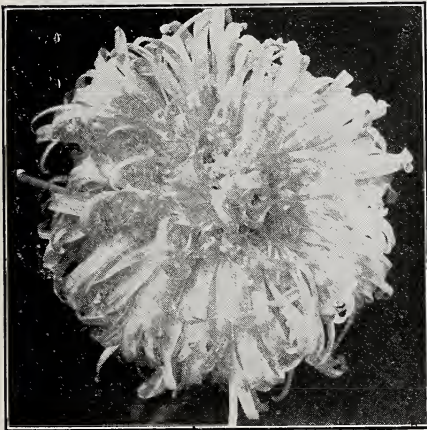
**Extra Quality Mixed Asters**—Very carefully prepared—containing all of the separate types we list, and others as well. It will give you a beautiful Aster collection for the price of one packet—types early, mid-season and late, and all the colors known to Asters. Plant a quantity of this mixture and see what delights are in store for you. Price—Pkt. 10 cts.;  $\frac{1}{8}$  oz. 20 cts.;  $\frac{1}{2}$  oz. 75 cts.; oz. \$1.25.

**AGERATUM**—An annual plant, growing about a foot high and covered all summer with close fluffy heads of bloom of a pretty shade of blue. Used largely for edgings and borders of taller growing plants. Hardy annual. Price—Pkt. 5 cts.;  $\frac{1}{4}$  oz. 20 cts.

**SWEET ALYSSUM**—One of our finest hardy annual plants for beds, borders, baskets, pots and for cutting. Sow early for a continuous bloom through the summer; cut away the faded blooms and others will come. Price—Pkt. 5 cts.; oz. 40 cts.

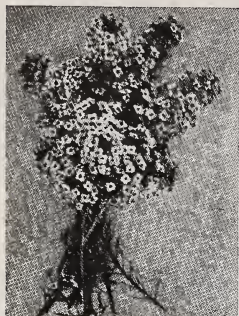


Branching Aster.



Crego Giant Aster.





Sweet Alyssum.



Carnation.



Centaurea.



Columbine.

**ANTIRRHINUM OR SNAPDRAGON.**—Without question one of the most desirable flowers for general garden culture. They come in a great variety of colors and are equally good for bouquets or for mass plantings. They are biennials but can be handled as annuals also. When sown early inside, they bloom in July and then until frost. If covered slightly they will come through the winter nicely and bloom abundantly the second year. Finest giant mixed colors. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.

**BALSAM (Lady's Slipper or Touch-Me-Not).** A most beautiful annual, forming neat symmetrical tree-like plant, and a profusion of wax-like flowers, in the most brilliant colors. They are of easy culture, but don't plant the seed before the soil is quite warm, as they are rather tender. A fine mixture of doubles and singles. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.

**CALENDULA (Scotch Marigold).**—One of the most popular and easily grown hardy annuals. A continuous bloomer and an excellent cut flower. They also make good pot plants and can be grown in greenhouse benches. A valuable flower for winter. Price—Pkt. 5 cts.; oz. 30 cts.

**CALLIOPSIS.**—Beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 to 12 inches apart. Price—Pkt. 10 cts.; oz. 35 cts.

**CANDYTUFT.**—Showy, branching plants, 6 to 18 inches high. Indispensable for cutting and very effective in beds or masses. If sown in Spring will bloom from July until September, or in the Fall will blossom from May to July. Hardy annual. Fine mixed. Price—Pkt., 5 cts.; oz., 30 cts.

**CANTERBURY BELLS (Campanula).**—An old-fashioned plant, and one of great beauty. Grows about two feet high and flowers in early Summer. Will flower well in the shade. This is a true biennial. Does not flower the first year, and after flowering the second year dies. Colors, white, pink, blue and purple, in fine mixtures. Hardy biennial. Price—Pkt. 10 cts.; oz. 40 cts.

**CARNATION.**—Always in demand and not hard to grow. Have a delightful clove fragrance. Half hardy perennials, flowering the second year from seed with exception of the "Marguerite" variety, which will bloom in four months from time of sowing the seed. Should not be planted where water stands in Winter.

**Marguerite.**—Mixed. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 40 cts.

**CENTAUREA (Corn Flower).**—There are two types of this plant, one the "Gymnocarpa," or "Dusty Miller," a plant with silvery-gray foliage and largely used for bordering formal beds, and the other, our old-fashioned Bachelor Button, or Corn Flower, *Centaurea Cyanea*, which is a very hardy annual, flowering all summer and useful for cutting. Very easily grown.

**Gymnocarpa.**—Price—Pkt., 10 cts.; oz., 50 cts.

**Cyanea.**—Mixed colors. Price—Pkt., 10 cts.; oz., 50 cts.

**CHRYSANTHEMUMS.**—The annual Chrysanthemums are distinct from the Autumn-flowering varieties, blooming all summer and making a gorgeous display in the flower garden and for pot culture. Annual mixed. Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

**COCKSCOMB (Celosia).**—Very showy crimson annuals. Extra large, velvety flower-heads or combs. Very easy culture. Cut when partially open, and hang in a dark closet to dry, for winter decorations. Mixed. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.

**COLEUS.**—Showy bedding plants which are grown for their brilliant foliage. Easily grown from seed, but must be started in a box in the house or hotbed, as the seed is very fine and when sown is scarcely covered, but must be kept moist. Mixed. All colors. Price—Pkt. 15 cts.

**COLUMBINE (Aquilegia).**—Splendid hardy perennials, with graceful spurred flowers in many colors. Choice mixed varieties, including the new long spurred hybrids. Will succeed in shady places. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

**COSMOS.**—One of our most satisfactory hardy annuals, flowering in late summer. Fine for cutting and easily grown. Can be sown anywhere and transplanted. Grows four to six feet high. Hybrid's best, mixed. Price—Pkt. 10 cts.;  $\frac{1}{2}$  oz. 40 cts.

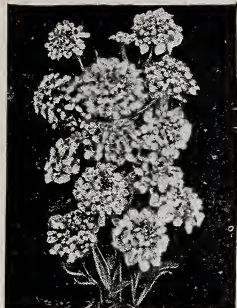
**CYPRESS VINE.**—A most beautiful climber with delicate, dark green, feathery foliage and an abundance of bright, star-shaped blossoms. Tender annual. About 15 feet high. Mixed. Price—Pkt., 10 cts.; oz., 45 cts.

**DAHLIA.**—If the seed is started early in a greenhouse or hotbed the plants will produce an abundance of flowers the same season. Finest Mixed. Price—Pkt., 15 cts.;  $\frac{1}{8}$  oz., 40 cts.



Canterbury Bells.





Candytuft.



Cosmos.



Dianthus.



Hollyhock.

**DIANTHUS (Pinks).**—Fine little plants with flowers resembling Carnations. Very hardy and usually live over for several years, but bloom freely the first year. One of the easiest flowers to grow.

**Chinensis Fl.-Pl.**—Double Chinese Pinks. A very attractive variety. Mixed colors. Price—Pkt., 10 cts.; oz., 70 cts.

**DOLICHOS (Hyacinth Bean, Texas Climber).**—A fine climber with clusters of purple or white flowers followed by ornamental seed-pods; grows about 15 feet high. Price—Pkt., 5 cts.; oz., 30 cts.

**DUSTY MILLER.**—See Centurea.

**ESCHSCHOLTZIA (California Poppy).**—The state flower of California and one of the most attractive annuals for beds, edging, or masses. The finely cut foliage with the mass of bright colored flowers makes a most beautiful sight. Bloom from spring until fall. Mixed. Price—Pkt. 5 cts.; oz. 30 cts.

**FORGET-ME-NOT. (Myositis).**—A favorite old-fashioned flower, bearing in profusion, especially in Fall and Spring, clusters of dainty blue, five-petaled blossoms. It thrives well in the shade or open border but flourishes best in a moist, shady, situation. Hardy perennial. About 8 inches high. Price—Pkt., 10 cts.; ¼ oz., 25 cts.

**GAILLARDIA (Blanket Flower).**—Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom. Most persistent bloomers, which do best in hottest, driest location. 2 feet. Mixed. Price—Pkt., 10 cts.; ½ oz., 40 cts.

**ORNAMENTAL GOURDS.**—Very interesting rapid climbing vines for covering old fences, etc. The fruits



Gaillardia.

are of many shapes and colors, and always a delight to the children. Many small varieties mixed. Price—Pkt. 5 cts.; oz. 25 cts.

**HOLLYHOCKS.**—These are perennials, but we suggest sowing seed every year in January indoors and grown in pots until they can be set outdoors. These plants will blossom the same season and give larger flowers, but smaller plants. Sowings can also be made from June to August. When plants are large enough transplant to a cool, rich soil, planting at least a foot apart. They should be supplied with plenty of water throughout the season. 4 to 8 feet high.

**Choice Double Mixed.**—Price—Pkt., 10 cts.; ¼ oz., 30 cts.

**KOCHIA (Summer Cypress, or Mexican Fire Bush).**—An easily grown annual, which, sown thinly in Spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by mid-Summer it attains a height of about 3 feet; and on the approach of Autumn the whole plant becomes a deep red. Price—Pkt., 10 cts.; ½ oz., 25 cts.

**LARKSPUR (Delphinium).**—Quick-growing, free-flowering annual producing its long clustered spikes of beautiful flowers in greatest profusion. Splendid for the old-fashioned flower or shrub border. A splendid mixture. Price—Pkt. 10 cts.; ¼ oz. 30 cts.

**LOBELIA.**—Charming plants, well adapted for bedding, pots or rockeries. It makes a neat edging for beds of white flowers and is very effective in masses, being completely covered with flowers for a long time. The flowers are usually blue with light center. Half hardy annual. Price—Pkt., 10 cts.; ¼ oz., 30 cts.

**Mixed.**—Price—Pkt., 10 cts.; ¼ oz., 30 cts.

**MARIGOLD.**—The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders, the latter are dwarfier in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun.

**Large African.**—Double, orange and lemon, mixed; 2 to 3 feet. Price—Pkt. 5 cts.; ¼ oz. 25 cts.

**Dwarf French.**—Fine. Colors mixed, very double; 1 foot. Price—Pkt. 5 cts.; ¼ oz., 20 cts.

**MOON FLOWER (Ipomoea grandiflora alba).**—One of the most vigorous Summer climbers and will grow under favorable conditions 30 to 40 feet in a single season and be covered evenings and cloudy days with very large, white, trumpet-shaped flowers widely extended, often 4 inches across. Leaves large, 5 inches across. The hard outer coat of the very large, light yellow seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell. Tender annual. Price—Pkt., 10 cts.; ¼ oz., 25 cts.

**MORNING GLORY.**—The hardy annual, *Convolvulus major*, is still the old standby. It grows rapidly to 20 feet high. The Japanese variety has a finer range of color.

**Imperial Japanese.**—Giant flowers with a wonderful range of color. Price—Pkt., 10 cts.; oz., 30 cts.

**Major.**—Mixed colors. Price—Pkt., 5 cts.; oz., 15 cts.

**MIGNONETTE.**—This annual is an old-time favorite and with the introduction of new types it is one of the most generally grown flowers for fragrant bouquets, bedding plants and pot culture. For a continuous supply of bloom sow seed early in spring and again in mid-summer. Price—Pkt. 5 cts.; ¼ oz. 15 cts.





Larkspur.



Kochia.



Mignonette.



Pansies.

**NASTURTIUMS.**—No other flower grown will furnish the same quantity of blooms or last longer than the Nasturtiums. Do best in thin, light well-drained soil; too rich makes them go to foliage. Dwarf varieties make the border or bedding plants, while the Tall varieties are used for boxes or covering bare places.

**Dwarf or Tom Thumb Mixed.**—Price—Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 50 cts.

**Tall or Climbing Mixed.**—Price—Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.

**PANSIES.**—Grow in a shady location in rich, moist soil. Fall sowing produces earlier, larger and more brilliant blooms than spring planting.

**Fine Mixture.**—Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 50 cts.

**Giant Trimardeau.**—A distinct strain with remarkably large blooms, generally marked with large blotches; colors rich and varied. Price—Pkt., 10 cts.



Poppy.

**PETUNIA.**—This is one of our best known and most popular hardy annuals. They will grow almost anywhere in any kind of soil and produce a magnificent array of color from early summer until they are killed by frost.

**Mixed Colors.**—The regular type of Petunias in assorted colors. Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

**PHLOX DRUMMONDI.**—A hardy annual, with a greater range of colors than almost any other flower, and no other surpasses it in freedom of bloom. Transplants readily, and as the seed is rather slow in starting, it pays to start it in a hotbed or box in the house.

**Large Flowering Mixed.**—Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

**POPPIES.**—For a dazzling effect plant lots of Poppies. Sow the seed very early in the spring, where they are to bloom, as they cannot be transplanted. For a long season of bloom make some later sowings.

**Double Mixed.**—Price—Pkt. 5 cts.;  $\frac{1}{4}$  oz. 15 cts.

**Shirley.**—The effect of these new Poppies is what one would expect to see in a Chinese garden where vivid, glistening—still artistic, harmonizing colors hold sway.

Orange, orange scarlet, soft salmon, rose and pink shades are painted on petals as delicate as Chinese silk. Do not miss these beauties. Price—Pkt. 5 cts.;  $\frac{1}{4}$  oz. 15 cts.

**Oriental Poppy.**—For gorgeous display the Oriental Poppy has few rivals. Immense single glowing orange scarlet flowers with black blotch at base of petals. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.

**PORTULACA.**—Select the hottest, sunniest place for this little plant. Sometimes called "Rose Moss." Forms masses of delicate green foliage covered with bright-colored flowers somewhat resembling small roses. Tender annual.

**Single and Double Mixed.**—Fine. Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 40 cts.

**SALVIA (Scarlet Sage).**—This plant ranks with the geraniums as a bedding plant and is easily raised from seed. Long sprays of brilliant scarlet flowers in late summer. Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 60 cts.

**SALPIGLOSSIS.**—One of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold. Mixed all colors. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.

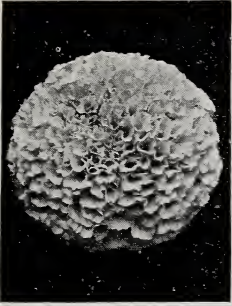
**SCABIOSA (Morning Bride.)**—A very showy hardy annual, fine for cutting, and furnishing quantities of very bright blossoms all summer long in a variety of colors. Very easy to grow.  $2\frac{1}{2}$  feet high. Price—Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.

**SHASTA DAISY.**—A large, white, single Daisy, grand for cutting and for garden decoration. It is a good Summer and Autumn bloomer and unusually hardy, making it a most desirable plant for the flower garden. The flowers are borne in great abundance. Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 50 cts.



Nasturtiums.

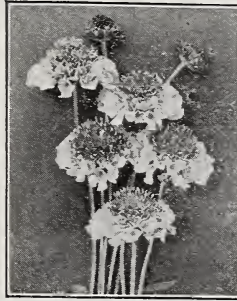




Marigold.



Salpiglossis.



Scabiosa.



Sweet Peas.

**STOCKS (Gilliflower).** The Stocks represent all the desirable qualities of a flower. The plants have good habits, fine dull or glossy leaves. The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades. Price—Pkt., 10 cts.,  $\frac{1}{4}$  oz., 50 cts.

**SUNFLOWER.**—Very hardy annual plants; grown everywhere.

**Double Chrysanthemum Flowered.**—The grandest of all double sunflowers. Price—Pkt., 5 cts.; oz., 25 cts.

**Mammoth Russian.**—The giant flowered sunflower, 5 to 8 feet high. Pkt., 5 cts.;  $\frac{1}{2}$  lb., 15 cts.

#### SWEET PEAS

**Culture for Sweet Peas.**—October to April have been found the best months to plant Sweet Peas in this section. One ounce sows 25 feet of row; 1 pound will plant about 400 feet in drills. Would suggest that you have your rows or drills if possible running north and south. Plant in double rows 8 inches apart,  $2\frac{1}{2}$  feet between the double rows, poles then could be placed between the double rows and wires run or poultry netting placed; this would give support for two rows on one trellis. If poultry netting is used, use 4 to 5 foot 2 inch mesh.

Dig rows 10 inches deep, put in 4 inches of well rotted manure or prepared pulverized sheep manure and top soil well mixed. Plant seed on this and cover with loose black loam 2 inches deep, leaving the rows open and fill in as the peas crack through until you get to the surface of the soil.

During dry weather they should be watered thoroughly and frequently, and given an application of liquid manure once a week. When in bloom flowers should be cut every day and put in water. This will prevent the plants from going to seed, which would stop them from continuing in bloom.

**GRANDIFLORA MIXED SWEET PEAS.**—Containing many of the standard varieties mixed. Price—Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25.

**SUPERB SPENCER SWEET PEAS.**—Called also the Orchid Flower Sweet Pea. Differing from the Grandiflora type, in flowers having waved or fluted standards and being larger. The flower stems are longer; also they usually bear four blossoms to a stem, are supplied by us in the following named varieties:

**Asta Ohn.**—Pinkish lavender. Large handsome flower. Price—Pkt., 10 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., 85 cts.

**Othello.**—Rich, velvety maroon. The best of the dark varieties, one of the largest Spencers. Price—Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00.

**Countess Spencer.**—Beautiful soft pink color, makes one of the most attractive and admired by all. Price—Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00.

**White Spencer.**—Very large, beautifully waved flowers, pure white. Price—Pkt., 10 cts.; oz., 40 cts.;  $\frac{1}{4}$  lb., \$1.25.

**Helen Lewis.**—A beautiful salmon pink, blending into orange. Price—Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00.

**Superb Spencer Mixed Sweet Peas.**—Price—Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 70 cts.; lb., \$2.25.

**SWEET WILLIAM (Dianthus barbatus.)**—A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

**Single and Double Mixed.**—Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz., 25 cts.

**VERBENA.**—Beautiful annual, of excellent value for bedding, window boxes, hanging baskets, etc. Brilliant colors, blossoming from early spring till late fall. Soak seed a few hours, sowing in boxes and transplanting later in open. Hybrid's best mixed. Price—Pkt., 10 cts.;  $\frac{1}{4}$  oz. 25 cts.



Asta Ohn Sweet Pea.

**ZINNIAS (Youth and Old Age).**—There is not another plant that does so well under any and all conditions. The brilliant flowers come all summer—almost bushels for cutting—and as many more left for garden display. The newer types hold a surprise in store for you.

**Giant Novelty Mixture.**—Dahlia, Cactus and Picotee types; sensational. See page 7. Price—Pkt. 15 cts.; 2 pkts. 25 cts.

**New Giant Mammoth Double.**—The double, globular flowers of this strain measure 3 to 6 inches across and are borne on long stiff stems about 3 feet high. Brilliant mixed colors. Price—Pkt. 10 cts.;  $\frac{1}{4}$  lb. 35 cts.

**Crested and Curled.**—Flowers large, the petals being twisted and curved into most graceful forms. The colors comprise all the brilliant shades of the Zinnias. Price—Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.

**Food for Growing Plants.**—in the most cleanly, convenient and effective form. 10-tablet pkt., 15 cts.; 30-tablet pkg., 25 cts.; 100-tablet pkg., 75 cts.

**StimUplant**  
Makes a  
Wonder Garden



# B. W. Quality Bulbs for Spring Planting

There is nothing in floriculture which, to the amateur, will be attended with as great satisfaction or give as fine results, as the cultivation of this class of flowering plants. Set out in early spring, they bloom all summer. No matter if planted solely to beautify the home grounds or cultivated by the small boy as his first step to profitable floriculture, the returns will be equally gratifying. They are of easiest culture, inexpensive, and require scarcely any care. Most of these bulbs should be taken up before severe frost and stored away in a frost-proof cellar, if possible in dry sand, to preserve for replanting the following spring.

## Orchid Flowering Cannas

For beds and borders, where a tropical effect is desired, we know of no plant so satisfactory. They keep the yard and lawn ablaze with colors until frost. There are a hundred or more varieties in cultivation. We have selected just a few of the best and most distinct types and colors. They grow well in any soil, but respond quickly to liberal treatment.

**New Carolina Canna.**—A sensational B. W. Quality introduction offered for the first time this year—See page 7. Each \$1.00, postpaid.

### RED

**King Humbert.**—Scarlet Flowers, Bronze Leaves Greatest Favorite Today. This remarkable "Gold Medal" Canna has been the sensation of the past eight years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free blooming character of the other, and the handsome broad, tropical foliage. 4 ft. Each 15 cts.; doz., \$1.50; 100, \$10.00; postpaid.

**The President.**—(Green Foliage.) A rich glistening scarlet, producing immense trusses of giant florets in great profusion. Considered the most sensational introduction of recent years. Height, 4 ft. Each, 20 cts.; doz., \$2.00; 100, \$14.00; postpaid.

**Wintzer's Colossal.**—5 ft. The average flowers more than cover a man's hat. The color is a striking, vivid scarlet, that does not fade, but retains its brilliancy as long as the flower lasts. A splendid Canna for large beds as it blooms continuously. Each, 15 cts.; doz., \$1.50; 100, \$9.00; postpaid.



*Canna (Orchid-flowering type).*

### PINK

**Rosea Gigantea.** (Green Foliage.)—A pleasing shade of pink, large flowers, and a free bloomer. Height, 4 ft. Each, 15 cts.; doz., \$1.50; 100, \$11.00; postpaid.

**City of Portland.** (Green Foliage.)—A wonderful bright rosy-pink, with flowers of the largest size and a free-flowering, vigorous grower. 3½ ft. Each, 15 cts.; doz., \$1.50; 100, \$11.00; postpaid.

### VARIEGATED

**Gladioflora.**—Crimson changing to carmine-rose and edged with gold. 3 ft. Each, 15 cts.; doz., \$1.50; 100, \$8.00; postpaid.

### ORANGE

**Wyoming.**—A giant among giants. The great orange-colored flowers, surmounting gigantic, luxurious stalks of unique bronze foliage make this one of the most effective Cannas; 6 feet. Each, 15 cts.; doz., \$1.50; 100, \$18.00; postpaid.

### YELLOW

**Austria.**—Pure canary yellow with crimson spots in the center of the two inside petals. 3 ft. Each, 15 cts.; doz., \$1.50; 100, \$8.00; postpaid.

Set of 8 bedding Cannas labeled for 80 cts.

## Double Dwarf Pearl Tuberoses

No flower is more delightfully fragrant than the Tuberoses. Of very easy culture. Each bulb produces a spike of beautiful waxy-white flowers in August and September. Tuberoses succeed best in light sandy soil and full sunshine. Do not plant until the soil is permanently warm. For earlier flowers, start the bulbs in pots in a warm room and transplant. Each, 7 cts.; doz. 65 cts.; 100, \$4.50, postpaid.

## Elephant's Ear

(*Caladium Esculentum*)

Grand, tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. They produce enormous leaves sometimes 4 feet long by 3 feet wide; height 4 to 5 feet.



W. BYRD PRESS



## Choicest Gladiolus Bulbs

**You Should Grow Gladioli This Year  
These Prices Within Reach of All**

No flower is so attractive and useful for cutting as Gladioli. The long graceful spikes, often carrying twenty buds, may be cut as the first flowers open and placed in water, where each successive bud will develop a sweet flower; this extends over a week or so. The giant spikes of perfect blooms with wonderful colors gives gorgeous effects in mixed beds, massed in large clumps and when planted in clusters among shrubs. For a succession of bloom plant at intervals of ten days from April through June; 6 inches apart and 3 to 4 inches deep. Gladioli have become more and more popular each year, and our prices are now so inexpensive that every body should enjoy this wonderfully meritorious flower. Every bulb guaranteed to produce beautiful large spikes of flowers this year.

**Le Marechal Foch.**—The last word in pink Gladioli, see page 7. Each, 20 cts.; doz. \$2.00.

### TEN OF THE BEST GLADIOLI

**America.**—One of the finest Gladioli known. The flowers are very large and of an exquisite shade of soft pink. Each, 7 cts.; doz. 60 cts.; 100, \$4.50, postpaid.

**Augusta.**—Pure white with lavender anthers; strong straight spike often having branches. Each, 8 cts.; doz. 75 cts.; 100 \$5.50, postpaid.

**Cracker Jack.**—Large flowers of velvety dark red throats spotted with yellow and dark maroon; a most sensational variety. Each, 9 cts.; doz. 80 cts.; 100, \$6.00, postpaid.

**Halley.**—Delightful salmon-rose with beautiful creamy blotch. Very large. Each, 9 cts.; doz. 80 cts.; 100, \$6.00, postpaid.

**Mrs. Francis King.**—Light scarlet of pleasing shade; a beautiful variety. Each, 7 cts.; doz. 60 cts.; 100, \$4.50, postpaid.

**Mrs. Frank Pendleton.**—Very large graceful blossoms of lovely bright pink, with rich carmine blotches on the lower petals; very beautiful. Each, 10 cts.; doz. 90 cts.; 100, \$7.00, postpaid.

**Niagara.**—Soft primrose yellow, slightly tinged with rose-pink in throat. Each, 10 cts.; doz. 90 cts.; 100, \$7.00, postpaid.

**Panama.**—Beautiful, deep rose self, large flowers; fine spikes. Each, 10 cts.; doz. 90 cts.; 100, \$7.00, postpaid.

**Baron Hulot.**—Very dark violet blue. Flowers medium size, on tall spikes. Entirely distinct in color. Each, 10 cts.; doz. \$1.00; 100, \$8.00, postpaid.

**Peace.**—A grand white flower, of large size, with delicate lilac feathering on lower petals. Splendid tall, graceful spikes. Each, 10 cts.; doz. 90 cts.; 100, \$7.00, postpaid.

**B. W. Quality Rainbow Mixture.**—Contains only finest named sorts of our list. This gives a wide range of color and markings. We mix them ourselves and feel convinced they will please the most critical buyer. Doz. 75 cts.; 100, \$5.00, postpaid.

**Choice Mixture.**—A well-blended combination of colors and shades. Doz. 45 cts.; 100, \$3.50, postpaid.



Gladiolus America.

## Dahlias

There are a few flowers that compare with the ever popular Dahlia in charming diversity of form and wide range of brilliant colors and no other surpasses it for autumn display. They are easily grown and do best when planted in light or loamy soil in a sunny situation 3 feet apart in deeply dug, well drained soil.

### CLASSIFICATION OF DAHLIAS

**Cactus.**—This class embraces the long, narrow-petaled varieties, the petals of which are generally pointed or twisted.

**Decorative.**—Large flowers, full centers, broad loose petals.

**Peony.**—Have large broad petals, open center.

**Show or Ball.**—The old-fashioned Dahlia, has large full round head blooms.

### A FEW SELECTED DAHLIAS

Each, 25 cts.; 4 for 85 cts.; doz. \$2.25, postpaid. Not prepaid: Each, 20 cts.; 4 for 75 cts.; doz. \$2.00.

**Flora** (Decorative)—Large pure white.

**Yellow Duke** (Show)—Golden Yellow.

**Queen Emma** (Peony)—Hollyhock pink.

**J. H. Jackson** (Cactus)—Large, deep velvety maroon.

**Minnie McCullough** (Show)—Yellow and bronze.

**Jack Rose** (Decorative)—Bright carmine-red.

**Sylvia** (Decorative)—Soft pink, inside white.

**Golden Gate** (Cactus)—Yellow immense.

**Maude Adams** (Show)—White and lavender.

**Mixed Dahlias.**—A fine mixture of all colors and types. Each, 20 cts.; 4 for 65 cts.; doz. \$1.60, postpaid. Not prepaid: Each, 15 cts.; doz. \$1.40.



Jack Rose Dahlia.



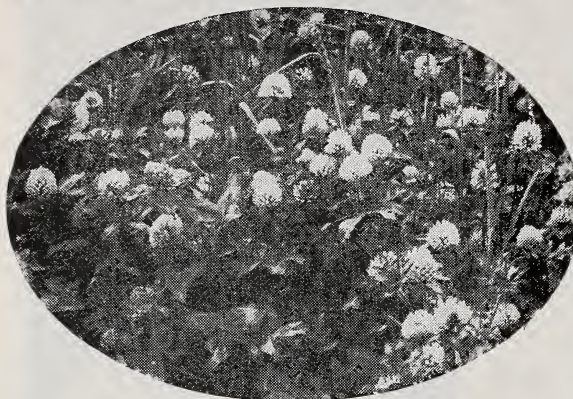
INOCULATE THIS  
SEED WITH  
FARMOGERM

## B. W. Quality Tested Clover Seed

INOCULATE THIS  
SEED WITH  
FARMOGERM

Our Clovers can be depended upon as they are of the highest grade and re-cleaned. Our seeds are not only of a high-germinating test, but they are also of a high purity test, giving assurance to the planter that he will receive the best seeds obtainable. This means the **Highest Quality**, the cheapest and most profitable for the planter.

Prices named are subject to change. Write for our clover prices. Mention quantity required, or we will fill orders sent us at the lowest prevailing price day order is received. Cotton sacks for fine seeds at current prices.



Red Clover—Inoculation Grew It.

**Red Clover.**—This valuable crop is not only one of the most excellent hay and forage crops, but it is a great soil improver. Red Clover can be cut for two or three years from one seeding, and on good land will yield two cuttings per year. Red Clover has been found particularly adapted to the northern part of the Cotton Belt; when sown alone in this section, 10 to 12 pounds to the acre. Excellent results are received by sowing for hay, a mixture of one bushel of Orchard Grass, one bushel Tall Meadow Oat Grass with eight pounds of Red Clover to the acre. If to be used also for pasture, an addition of six pounds Red Top or Herds Grass to the above mixture will increase the pasturage. Price (purity 99½ per cent).—Postpaid: lb., 40 cts.; 10 lbs., \$3.75; 1 bu. (60 lbs.) about \$17.00. Prices fluctuate. Will quote prices upon request or fill orders at market prices day order is received.

**Alsike Clover.**—Alsike clover grows thicker, is finer stemmed than Red Clover, has plenty of leaf and makes better hay and more and better grazing than Red Clover. It is harder and will stand greater extremes of heat, drought and severely cold weather than any other clover. It is adapted to a variety of soils, succeeding on light upland and loamy as well as on bottom lands. Particularly valuable for grazing and in mixtures, whether grown for hay or grazing, for it makes a thick undergrowth greatly increases the yield as well as the feeding value of the hay. From 8 to 10 pounds should give a good stand. If you have not succeeded in getting a stand of other clovers because your land is acid or moist, sow Alsike. Price—Postpaid: lb., 35 cts.; 10 lbs., \$2.75; 1 bu. (60 lbs.) about \$13.52. Prices fluctuate.

**White Clover.**—White Clover does well in nearly all parts of the South. In this section it is indigenous to all kinds of soils; is especially valuable and largely used in lawn and pasture mixtures. It makes a small, close, compact growth. If sown alone, sow 6 to 8 pounds an acre; more largely sown with other grasses, in this case use half the amount. Price—Postpaid: lb., 80 cts.; 10 lbs., \$7.25; 1 bu. (60 lbs.) about \$39.00. Prices fluctuate.

**Crimson Clover.**—You will make no mistake if you sow Crimson Clover on every piece of land that will be unoccupied by another crop next winter. Whether you grow it for grazing, for hay or for improving your land, it will pay handsomely. A crop of Crimson Clover plowed under is considered worth \$20.00 to \$30.00 an acre, in increased productivity, and improved mechanical condition of the soil. Sow from the last working of corn and cotton till the end of October. Fifteen pounds sows an acre. Price—Postpaid: lb., 25 cts.; 10 lbs., \$1.75; 1 bu. (60 lbs.) about \$7.25. Prices fluctuate.

**Lespedeza, or Japan Clover.**—This is valuable to sow on poor, worn-out fields, hillsides, thin woods, groves, and wet bottom lands for summer pasture and for improving the land. It does not produce enough hay in this section to make it of much value for this purpose, but it is particularly valuable for late summer grazing on land that cannot be used for other purposes. Sow 10 to 15 pounds per acre broadcast in March or April, and do not graze it early if you wish it to re-seed. While the plants winter-kill, it re-seeds itself and thickens every year, and will soon spread. Sow with Carpet Grass for best poor-land pasturage. Price—Postpaid: lb., 35 cts.; 10 lbs., \$2.75; 1 bu. (25 lbs.) about \$6.25. Prices fluctuate.

**American Alfalfa or Lucerne** (the Profitable and Nutritious Hay Crop).—In the South will produce from 5 to 7 tons of hay an acre each year. It enriches the soil. It's very large, branching roots penetrate far down, loosening the soil, getting plant food where other crops would be a failure. Alfalfa is a perennial, and lasts for 8 to 10 years. Sow seeds in thoroughly prepared soil at the rate of 20 pounds to the acre. Before sowing the seed, thoroughly drain, lime and inoculate, if alfalfa has never been grown on the soil you are to sow. We can supply you with the lime, and bacteria for inoculating alfalfa and clover at \$1.00 per acre. Price—Postpaid: lb., 40 cts.; 10 lbs., \$3.15; 1 bu. (60 lbs.) about \$16.50. Prices fluctuate.

**Burr Clover.**—Adapted for summer and fall seeding only. For the South, it is a most valuable winter-grazing crop, growing luxuriantly all through the winter and until summer. After once being seeded, it reseeds and improves in growth each succeeding year. It is admirably adapted for growing with Bermuda Grass, the combination makes a splendid all-the-year-round pasturage. Price—Postpaid: lb., 30 cts.; 10 lbs., \$2.25; 50 lbs., about, \$8.00. Prices fluctuate.



The Average Alfalfa Crop—Without and With Farmogerm.

The Difference Between an Acre of Regular Clover and an Acre of Farmogerm Clover Will Pay for the Inoculation of Five or Ten Acres Besides, and Leave the Ground Far Richer.



## B. W. Quality Tested Grass Seed

When you buy Grass Seed from us you purchase the very highest quality seed money can buy; and you can rest assured that you are not sowing weeds or paying for chaff. Our seed is thoroughly re-cleaned and tested for purity and germination. The North Carolina Seed Law requires each merchant to place a tag on all field seeds showing purity and germination. We are glad of this law as it not only protects the purchaser but also the merchant handling high grade seed. It pays to plant the best, which is the kind we supply.

Prices on Grass Seed fluctuate. We will be pleased to quote prices at any time, or will fill all orders entrusted to us at ruling prices at the time order is received. Prices named are those ruling at the time this catalogue goes to the printer.

**Carpet Grass.**—Is the most valuable grass known for permanent pastures on sandy soils of the southern Coastal Plain. It is the South's greatest year around, perennial, poor land pasture, being at least equal to Bermuda Grass in carrying capacity and feeding value and will thrive on soils where Bermuda can be made to succeed only by the use of fertilizers. Carpet Grass can be sown broadcast over present pastures, creek bottoms, or cut-over woodland without breaking up or cultivation; stands close grazing and trampling. A single plant in a single year will spread so as to form a circle 2 or 3 feet in diameter. Carpet Grass never becomes troublesome as a weed; it is very easily destroyed by plowing under. Sow at the rate of 10 pounds per acre, or to make an ideal poor land pasture sow 5 pounds of Carpet Grass, 5 pounds of Dallas Grass and 20 pounds of Lespedeza to the acre. Price—Postpaid: Lb. 50 cts.; 10 lbs. \$3.85; 1 bu. (18 lbs.), about \$6.00. Prices fluctuate.

**Dallas Grass (Paspalum).**—Is recommended for general growing throughout the cotton sections where it may be cut twice a season, the second cutting being better than the first, and making green feed and hay of excellent quality. It increases rapidly from seeds and shoots out many suckers from the joints after the first cutting. It stands close grazing, in fact trampling and grazing seem really an advantage to it, and is not injured by moderate frosts. It is hardy and thrives on a wide variety of soils except those that are very dry and sandy, but prefers a

on light, dry soils. Splendid for pastures and for hay; it may be cut twice in a season. Sow 30 pounds to the acre. Price—Postpaid: Lb., 40 cts.; 10 lbs., \$2.95; 1 bu. (11 lbs.), about \$3.00. Prices fluctuate.

**Red Top or Herds Grass.**—A grass particularly adapted to low land or damp situations. It will grow successfully on any soil that will grow other grasses or grain. Will make a valuable pasture crop. Is also used in mixtures of other grasses for hay. After once being established, it thickens and improves year by year, taking possession of the land and increasing in yield and quantity each successive year. Red Top is also one of the best grasses for land that washes and hillsides. Price—Postpaid: Lb., 30 cts.; 10 lbs., \$2.35; 1 bu. (30 lbs.), about \$6.00. Prices fluctuate.

**Italian Rye Grass.**—Sown in the fall or early spring Italian rye grass furnishes a full cutting of excellent and most nutritious hay the following May or early in June, and will also furnish two or three additional cuttings the same year. It is one of the quickest growing of hay grasses, and will also furnish excellent pasturage during the fall, winter and early spring. Can be sown to advantage either by itself or with other grasses or clovers. It is recommended particularly for rich loamy soils or low grounds. It is an annual, but reseeds itself if allowed to stand. For hay it should be cut when heading out. Sow 25 to 30 pounds to the acre. Price—Postpaid: Lb. 25 cts.; 10 lbs. \$1.90; 1 bu. (18 lbs.) about \$3.00. Prices fluctuate.

**Perennial or English Rye Grass.**—Good for hay and pastures, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and matures very early and lasts several years. Sow 30 lbs. to the acre. Price—Postpaid: Lb., 25 cts.; 10 lbs., \$1.90; 1 bu. (18 lbs.), about \$3.00. Prices fluctuate.

**Kentucky Blue Grass.**—This grass succeeds best on limestone soil, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. First class for lawns or pasture. Succeeds better, however, when mixed with other grasses. Sow either in the fall or spring. 35 lbs. to 40 lbs. to the acre. Price—Postpaid: Lb., 40 cts. 10 lbs., \$3.40; 1 bu. (14 lbs.), about \$4.00. Prices fluctuate.

**Timothy.**—Very nutritious, and saleable for hay, but not so good for pasture, as it is injured by close cutting or grazing. Thrives best on heavy moist soils; should not be sown on light dry land. Good crops of hay are obtained if mixed with Red Top or Herd's Grass and Sapling Clover, or some grass maturing at the same time. Sow 15 lbs. to the acre. Price—Postpaid: Lb., 20 cts.; 10 lbs., \$1.45; 1 bu. (45 lbs.) about \$5.00. Prices fluctuate.



Orchard Grass.

fairly heavy and somewhat moist situation. It is a perennial, makes a continuous growth during warm weather growing 3 to 5 feet high; has a long growing season, starting early in the spring and remaining fresh and green till frost. Sow from March till the middle of April: farther South it may be sown earlier; sow on well prepared land at the rate of 6 to 8 lbs. to the acre. Price—Postpaid: Lb. 80 cts.; 10 lbs. \$7.50; 1 bu. (18 lbs.) about \$12.50. Prices fluctuate.

**Orchard Grass.**—This is one of the most reliable grasses for hay or pasture grown in this section, making quick vigorous and continuous growth from early spring to winter. Sow 30 pounds to the acre in the spring or fall, and in any soil; loamy upland is best. It is excellent to mix with other grasses. Price—Postpaid: Lb., 35 cts., 10 lbs., \$2.50; 1 bu. (14 lbs.), about \$3.00. Prices fluctuate.

**Tall Meadow Oat Grass.**—A most valuable grass for the South, as it stands heat and drought well and flourishes

### PERMANENT PASTURE.

A permanent pasture is one of the very best paying investments that can be made on the farm. After careful experiment, the State Agricultural Experiment Station recommends the following as the best mixture for this section: 8 lbs. Orchard Grass, 8 lbs. Red Top, 8 lbs. Italian Rye Grass, 8 lbs. Alsike Clover, 4 lbs. Red Clover, 4 lbs. White Clover. Total seeding per acre, 40 lbs. Try it.

For poor land, where other pasture mixtures fail, the following will give heavy, succulent green pasture: 5 lbs. Carpet Grass, 5 lbs. Dallas Grass, 20 lbs. Lespedeza or Japan Clover. Total seeding per acre, 30 lbs.





Sudan Grass.

## Sudan Grass

This grass has been introduced by the Department of Agriculture, and is recommended for the hot, dry regions of the South and Southwest, although it appears to do well in almost any soil or climate. It belongs to the Sorghum family, is somewhat similar to Johnson Grass, only more thrifty, growing from 4 to 7 feet high, with small stems and an abundance of broad leaves. Its root system is similar to that of millet, it being an annual grass, hence it has not the objectionable roots of Johnson Grass. It stools freely and produces the best hay of any of the Sorghum family. When sown for hay it is broadcast at the rate of about 8 pounds per acre, seeding being done in the spring. It will yield from 8 to 12 tons of hay per acre. Price—Postpaid: Lb., 25 cts.; 10 lbs., about \$1.90. Write for price on quantity wanted.

## Cane or Sorghums

**Early Amber.**—The best producer of all sorghums. Grows to a height of 10 feet and stools. Will yield several cuttings per year. Makes one of the best green feeds, or it can be cured. All sorghums require rich land in order to make a good crop. Sow either broadcast or in drills. If broadcast, at the rate of 1 bushel per acre. Sow in May or June. Price—Postpaid: 1 lb., 20 cts.; 10 lbs., \$1.25. Write for prices on bulk quantities.

**Sugar Drip.**—As a feed for horses and cattle this variety has no equal. Its quality is the best, and it contains a great deal of sugar, which adds to its feeding value. It is also one of the best varieties for making syrup, giving an immense quantity, as well as the very best quality. Grows large and affords a big crop. Sow broadcast at the rate of 1 bushel per acre, or in drills at the rate of 1 peck per acre. Price—Postpaid: 1 lb., 20 cts.; 10 lbs., \$1.50. Write for prices on bulk quantities.

## Kaffir Corn

The grain is much relished by cattle and poultry. It can be sown with cowpeas; the corn holds the vines off the ground making a larger yield of peas, and both can be cut together, making a larger yield of feed. Sow alone, broadcast 40 to 50 pounds to the acre for forage and cut before fully headed. White is the standard variety; red is very popular, and in some sections is considered hardier. Price—Postpaid: Lb. 20 cts.; 10 lbs. \$1.25; Write for prices on bulk quantities.

## Teosinte

A single seed producing from thirty to sixty stalks, each 10 to 12 feet high, gives some idea of what an enormous yield may be had from Teosinte—the Louisiana Experiment Station reported a crop of more than 50 tons on an acre. If cut when 4 or 5 feet high, it makes and excellent fodder, starts immediately into growth again, and will give several more cuttings as large as the first; we

have known it to yield five cuttings a season. If sufficient is planted a continuous supply of nutritious green feed can be had daily right up to frost. The leaves are longer and broader than corn, contain 8 to 10 per cent of sugar, and are greedily eaten by all kinds of stock. Plant in May or June in drills  $3\frac{1}{2}$  to 4 feet apart; 2 to 3 lbs. plants an acre. Price—Postpaid: Lb. 60 cts.; 10 lbs. about \$4.50. Write for prices when ready to buy.

## Millet

### A SPLENDID QUICK GROWING SUMMER HAY CROP

**Golden** (formerly called German Millet.)—Makes a large yielding and most nutritious hay crop, quick growing and easily cured. It should be seeded thickly, one bushel per acre, and should be harvested while in bloom. If the seeds are allowed to form the stalks get hard and it does not make so good a hay. Should be sown at any time between the middle of May until the end of June at the rate of 1 bushel per acre. Millet should never be sown until the earth is warm in the spring and when continued warm weather is assured. It is also used as a catch crop after early grain or a crop which fails. It matures a crop in 6 to 8 weeks after seeding. Cow peas sown with German Millet makes fine hay. Sown in this way, it should be sown with some quick maturing variety of Cow Peas and should be sown at the rate of 3 pecks of Millet and one bushel of Cow Peas to the acre. Price—Postpaid: Lb., 20 cts.; 10 lbs., \$1.00; 1 bu. (50 lbs.), about \$3.50. Prices fluctuate.

**Pearl or Cat-Tail Millet.**—Sometimes called Penicillaria, or Billion-Dollar Grass; this variety gives an enormous yield of very valuable forage. The plants grow about 12 feet high, but it may be cut at 3 feet, when it will thicken up, and may then be cut continuously until frost, giving abundant supply of rich green food. It is also valuable when used as a dry hay, but it is usually sown in drills at the rate of about 5 lbs. to the acre, or if broadcast, about 35 lbs. Price—Postpaid: Lb., 30 cts.; 10 lbs. about \$1.90. Prices fluctuate.

## Mammoth Russian Sunflower

Sunflower seeds fed to poultry make a real egg-producer; being rich in oil and protein, they make an ideal food during the moulting season; the leaves make excellent fodder; the whole plant makes fine ensilage and hog feed. Under favorable conditions 40 to 60 bushels can be grown on an acre; more than 100 bushels have been grown on extra good land in an unusual season. When the seeds are ripe and hard, cut off the heads and pile loosely under cover, and when cured they will thresh easily. It is claimed that sunflowers grown near the house will prevent malaria. Plant and cultivate like corn. Price—Postpaid: Lb., 25 cts.; 10 lbs., \$1.35; 100 lbs., about \$10.00. Prices fluctuate.





## Dwarf Essex Rape

### MAKES SPLENDID, NUTRITIOUS PASTURAGE FOR CATTLE, SHEEP, HOGS AND POULTRY

This crop is very highly recommended for pasturage for cattle, sheep and hogs, furnishing most rich and nutritious pasturage within 6 to 8 weeks from the time of sowing. The fattening properties of rape are said to be very much better than those of clover. It also makes splendid green feed for poultry. In this section rape can be successfully sown both in the spring and fall. For spring sowing, sow as early as you can conveniently get it in, the earlier the better, although it can be successfully seeded any time during March or April. Rape is best sown in drills, at the rate of 3 to 5 pounds per acre, or it can be sown broadcast, when 6 to 8 pounds per acre should be used. Price—Postpaid: Lb., 25 cts.; 10 lbs., \$1.35; 100 lbs., about \$9. Prices fluctuate.

## Peanuts

Inoculate this  
Seed with  
**FARMOGERM**

flat, keep well worked. Peanuts should be shelled before planting.

**Spanish.**—Nuts small, and have a thin hull, full kernel, and yield enormously. The vines and roots make excellent food for stock. Price—Postpaid: Lb., 25 cts.; 10 lbs., \$1.85;. Larger quantities quoted on request.

**Virginia Jumbo.**—A large variety of the well-known Virginia Peanut. Price—Postpaid: Lb., 25 cts.; 10 lbs., \$1.85. Larger quantities quoted on request.

**Valencia.**—These are dull red in color, of medium size, heavy yielder, and have long pods, sometimes having 3 or 4 nuts in a pod. It is probably the hardiest peanut in cultivation. It is mild in flavor and becoming popular wherever grown. Price—Postpaid: Lb., 30 cts.; 10 lbs., \$1.95. Larger quantities quoted on request.



Spanish Peanuts.

**Virginia Bunch Peanuts.**—Wherever they have been grown, Virginia Bunch Peanuts are growing rapidly in popularity. They have several points of decided advantage over the running kinds; they mature about a week earlier than the running varieties; the rows may be closer and the plants nearer together in the rows; they are easier to cultivate and harvest, and they will average larger yields. Price—Postpaid: Lb., 25 cts.; 10 lbs., \$1.85. Larger quantities quoted on request.

## Oats

**Burt, or Ninety-Day Oats.**—The best spring oats, as it is the earliest, nearly rust-proof, hardy and vigorous, and yields more grain than any other spring oat. Sow 2 bushels to the acre. Present price—\$1.10 bu., 10 bus. at \$1.00 per bu. Price fluctuate.

**Virginia Gray Winter, or Turf Oats.**—This has long been the most popular variety in this State, and has now extended into all parts of the South and West. Though a winter oat, they also succeed well if sown in the spring, making surest crop if sown by March 15th. Sow 1½ to 2 bushels to the acre. Present price—\$1.20 per bu.; 10 bu. at \$1.10 per bu. Prices fluctuate.



**Red Rust-Proof Oats.**—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Sow 2 bushels to the acre. Present price—Bu. \$1.00; 10 bus. at 90 cts. bu. Prices fluctuate.

**Appler Oats.**—An early, large red oat, similar to the Rust-Proof, but harder and yields more grain. Present price—Bu., \$1.10; 10 bus. at \$1.00 per bu. Prices fluctuate.

**Fulghum Oats.**—This oat is of a rust-proof type, somewhat earlier than the Appler, and is a heavier yielder. Is largely used in the South. Present price—Bu., \$1.20; 10 bus. at \$1.10 bu. Prices fluctuate.

## Seed Wheat

**Leap's Prolific Red May, and Fultz.** Present price Bus., \$2.00.

## Winter Rye

**Common Winter.** Present price. Bus., \$1.25.  
**Abruzzi.** Present price. Bus., \$2.25.

## Barley

**Bearded Winter.** Present price. Bus., \$1.80.  
**Spring.** Present price. \$1.80.

## Vetches

**Sand, Hairy or Winter.**—The hardest vetch. Fine for hay, grazing and improving land. Rye sows itself, coming year after year from a single sowing. Grows well on all soils and surprisingly well on poor, thin land, and will stand extremes of drought, heat and cold. The yield of hay is really wonderful, as many as twenty long vines growing from a single root. It may be sown in the fall or early spring to make hay about the end of May, for an excellent pasture or to prevent the leaching of plant food from the land. It never winter kills. Sow 20 to 25 pounds to the acre together with one bushel of Oats, Rye, Wheat or Barley to hold vines off the ground and make cutting easier. Price—Postpaid: Lb. 30 cts.; 10 lbs. \$2.25; 100 pounds about \$17.00. Prices fluctuate.

INOCULATE THIS  
SEED WITH  
**FARMOGERM**



# Field or Cow Peas

Prices of Cow Peas are Frequently Changing. Write us for Prices when Ready to Buy.

**INOCULATE THIS  
SEED WITH  
FARMOGERM**

Cow Peas are one of the largest yielding and most nutritious crops known. The vines when cured are considered superior to timothy hay in the South. As a fertilizer Cow Peas and Soy Beans have no superior, for, to a greater extent than any other leguminous crop, they have the power of extracting the nitrogen from the air and depositing it in the vines and roots, so that the land is benefited even when the crop is cut for hay. Sow 60 to 90 pounds to the acre in late May to the first of August.

**Black Eye.**—A late variety, semi-recumbent, trails at ends of vines, leaf and stalk of medium size, dark green, bloom white. Moderate heavy yielder of hay, very heavy producer of seed. Seed are large, white and kidney shaped Have a large black eye. Extensively grown for human food, both green and in the dry conditions.

**NOTE.**—The black eye varieties are very numerous but are quite similar except in size. The name applies to all white peas with black eye.

**Black.**—The term "Black" is also a group name. The Georgia Station describes it as follows: "A vigorous growing variety. Semi-recumbent, dark green foliage white bloom. Large kidney shaped seed, jet black. Heavy producer of both seed and vines." Late, maturing in eastern North Carolina in 120 to 140 days.

**Iron.**—A tall bushy growing variety, fairly prolific. First pods maturing in about 100 days. Seed are small irregular in shape, quite hard, color light olive green to buff. Especially valuable on account of being immune to root-knot.

**Brabham.**—A tall prolific pea, resistant to root-knot and wilt. One of our best yielders in eastern North Carolina. Especially adapted to the sandy soils of the south. First pods mature in 90 to 100 days. Seed are buff marked with brown, smaller than whippoorwill.

**Red Ripper.**—Red seeded resembles the Black Cow Pea in growth of vine, but is ten days earlier and more prolific.

**Whippoorwill.**—A medium early pea, a good general purpose pea, suitable for both grain and hay. Medium early, tall, and upright in habit of growth. One of our heaviest yielders in eastern North Carolina. Seed are large and more kidney shaped than the Brabham. Color, buff, marked with brown.

**New Era.**—An early variety, will make two crops a year. A fairly heavy producer of seed. Plants tall and rather bushy. First pods mature in about 75 days. Seeds are small kidney shaped, buff, speckled with blue.

**Clay.**—This is a group name applied to late varieties with buff colored seed. The Iron is not included in the Clay group. They are tall erect growers, very heavy producers of seed and hay, medium late. The seed are kidney shaped, medium size and buff colored.

**Groit.**—An excellent variety, our best yielder of seed in Eastern North Carolina. Plants sub-erect, bushy and very prolific. Medium early, first pods maturing in about 80 days. Seed are small angular shaped. Ground color of buff, marked with brown and sprinkled with minute blue specks.

**Mixed Cow Peas.**—A general mixture of good standard varieties, greatly preferred by many Southern farmers for forage and soil improving. The upright varieties hold up the vining varieties, producing a thicker crop of forage than a single variety alone.

## Canada Field Peas

This variety is not considered a cow pea, but is of the English pea family. Has small seed and pods, grows 4 to 5 feet high, and makes excellent early hay; also makes splendid hog feed and early fallow. Canada Field Peas make a fattening and milk producing food that will grow on land that will not produce a grain crop, and at the same time improve the soil by gathering and storing nitrogen—in this respect it is almost equal to the clovers. We recommend sowing Appler or Fulghum Oats

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with these in February or March at the rate of one bushel peas and one bushel oats to the acre. They also do well when sown in November with either wheat, rye, oats or barley. Our stock is the very best American grown seed. Price fluctuates. Present price—\$3.75 per bu.

## Velvet Beans

THE GREATEST SOIL ENRICHING CROP

**100-Day, or Speckled Velvet**

**Bean.**—Makes a tremendous growth of vines and is especially recommended for improving poor, worn-out land. They are equally as nutritious as Cow Peas, are largely used both for grazing and a forage crop, throughout the South. The vines and roots are very rich in nitrogen, making it a most valuable soil improving crop. Vines grow so rank that it is with difficulty that they can be turned under in the green state. It is much better to leave them above ground until killed by frost, or stock may be turned in to feed on them, as stock thrive and fatten on them quickly. Then plow under in the winter or early spring, at which time they will make a heavy matted coating of vegetable matter, which turned under, will benefit the soil almost as much as a heavy application of stable manure. They are often planted as a companion crop with corn. Should be planted in May or June. One or two pecks to the acre, in drills, or one bushel broadcast. Price—Postpaid: Qt. 30 cts.; bu. about \$2.25; not prepaid. Prices fluctuate.

**Inoculate this  
Seed with  
FARMOGERM**

**Bunch Velvet Beans.**—Recommended for planting in orchards or in cornfields where heavy growth is desired for forage or soil improvement, that at the same time will not cover or pull down the corn. On ordinary land it grows about two feet high, spreading out for several feet, and if planted 15 to 18 inches apart is claimed to produce nearly as much forage as the vining varieties. It is about three weeks later than the 100-day bean. The ease with which the crop can be handled compared with the running varieties makes the Bunch Velvet Bean particularly desirable. Price—Postpaid: Qt. 30 cts.; bu. about, \$2.50; not prepaid. Prices fluctuate.



Iron Cow Peas.



# Soy or Soja Beans

## A MOST VALUABLE LEGUMINOUS PLANT AND SUMMER FORAGE CROP

Our location in the very heart of the largest and best Soy Bean seed producing section enables us to supply the finest stock of seed offered anywhere at especially advantageous prices, quality considered! When you buy from us, you buy direct from Soy Bean headquarters. We grow and handle many thousands of bushels of Soy Beans every year.

**Prices of Soy Beans are frequently changing. Write for prices when ready to buy.**

Soy bean hay contains a high per cent of protein, is superior to cow peas in feeding value and as a milk and butter producer is equal to alfalfa and superior to cotton seed meal. The beans and bean meal contain about 35 per cent of digestible protein and stock eat them with relish and thrive on them. Hogs fed on soy beans in combination with corn fatten much more economically than on corn alone—a bushel of soy beans is worth at least double as much for feed as a bushel of corn. For feeding beef cattle experiments have proved soy beans to be about 50 per cent greater value than cow-peas. They make an excellent winter feed for young cattle, sheep and horses when fed with roughage.

Soy beans may be planted either broadcast or in drills. Usually a better crop is had when planted in drills and cultivated, and few crops leave the land clearer and in better condition for the following crop. They grow equally well on light and heavy soils, but on heavy soils they should not be planted more than 1 to 1½ inches deep except in dry seasons. On light sandy soils plant deeper, but not more than 3 inches deep. When sown broadcast sow 1 to 1½ bushels to the acre; in drills about ½ bu. to the acre. Plant in April, May or June.

Soy beans can be grown with other crops, yielding a larger crop of forage and giving a better balanced ration. Soy beans and cow peas make a good combination, the beans supporting the pea-vines, and the yield is nearly always greater than of either crop alone. Plant half-bushel soy beans to one bushel cow peas to the acre. Soy beans and corn is another well recommended combination, the beans being planted in the hill with the corn, or in alternate hills or alternate rows, depending on the proportions wanted in the feed. Sorghum and a late variety of soy beans make a good combination, provided the sorghum is not planted too thickly. Sudan grass and soy beans will give a better balanced feed than Sudan grass alone, as its protein content is low, while that of soy beans is high.

### INOCULATE THIS SEED WITH FARMOGERM

Be sure to inoculate the seeds with soy bean bacteria, especially if grown on soil new to soy beans. Not only will you have assurance of a surer stand but a better crop and the succeeding crop will have the benefit of the nitrogen stored in the bean roots. Write for prices.

**Haberlandt-38.**—The best all purpose variety yet introduced, see page 7. Price—Postpaid: Qt. 35 cts.; pk. \$1.60; bu. \$4.00, not prepaid.

**Mammoth Yellow.**—A medium late variety, makes a large upright growth, ordinarily 3 to 5 feet high. Matures in 140 to 150 days. One of the best yielders we have. Particularly adapted for seed production and pasturage. Makes a heavy yield of hay but a little coarse. Particularly adapted for all the cotton section. Seed are medium large, light yellow and almost round.

**Mammoth Brown.**—Very similar to Mammoth Yellow in habit of growth, adaptability, yield and date of maturity. The seed are similar in size and shape and are a dull brown color.

**Tar Heel Black.**—A medium late variety, matures in 140 to 150 days. Grows upright three to five feet high, a heavy yielder of both seed and hay. Seed are large, jet black and slightly flattened.

**Haberlandt.**—Our best early variety, matures in 110 to 120 days, makes an upright bushy growth, two to three feet in height. A heavy yielder, often outyields Mammoth. Particularly adapted for seed and early hog pasture. Seed are medium size, are darker yellow than the Mammoth Yellow and have a brown hylum.

**Hollybrook.**—An early variety maturing about two weeks earlier than the Mammoth. Seldom grows more than three feet in height, a heavy yielder of seed but not adapted for hay as it is very coarse and woody. Seed are very similar to that of the Mammoth, but smaller.

**Tokyo.**—A medium late variety, maturing in 140 to 150 days. Makes a bushy growth, a good seed producer. The seed are large and greenish colored.

**Virginia.**—An early variety, maturing in 110 to 120 days, makes an upright growth, three to five feet in height. It is a good yielder both for seed and hay. It is our best hay bean, the stems being small it produces an excellent quality of hay. The seed are dark brown, small kidney shaped and very flat. Does not shatter badly.

**Wilson's Black.**—An early variety, matures in 110 to 120 days. Very similar to Virginia in habit of growth. A good hay variety and a fair yielder of seed. Does not pop out badly. Seed are black, small and flat.

**Biloxi.**—An upright variety growing 5 to 6 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yielder of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The pods are less liable to pop than most varieties. Matures in about 165 to 170 days.

**O-Too-Tan.**—An especially good late hay variety, maturing in about 170 days. Plants are slender, tall, erect and bushy with a vining tendency, especially on rich soil. Makes a very heavy crop of finest quality hay and very valuable for turning under. The seed are black and very small. One bushel of seed plants from 6 to 10 acres of this variety.

*The District Agent of the N. C. Department of Agriculture advised me to try some of your Haberlandt Soy Beans.*

GEO. D. DAIL,  
New Bern, N. C.



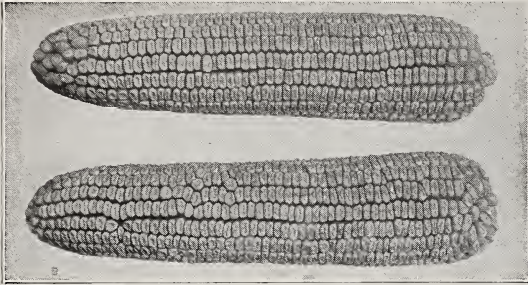
Soy, or Soja Beans.



## B. W. Quality Seed Corn

### The Result of Years of Careful Selection

If it becomes necessary to replant any field of white corn, use **Norfolk Market** or **Truckers' Favorite**. See descriptions under Garden Corns.



**Latham's Mammoth Double Eared.**—After nineteen years of variety tests, in which over 100 different varieties were used, the North Carolina Agricultural Experiment Station recommends Latham's Mammoth Double as the heaviest yielding and most profitable field corn for this section of the State. Latham's is the result of years of careful breeding and selecting for maximum grain yield and uniformity. It requires a little longer growing season than some of our corns and commonly makes a little larger and more vigorous stalk. On medium to rich soil, it produces ordinarily two good ears to the stalk. The cob is only medium-sized and well covered with 16 to 18 straight rows filled out at both ends, and a depth of grain that gives a large percentage of heavy shelled corn. The foliage is abundant, thick and succulent. Having been originated in this section, Latham's is especially adapted to our climate and soil conditions. Our stock is especially grown for us and carefully selected.

**Special Field Selected** from breeding patch—Postpaid: Qt., 30 cts.; pk., \$1.25; bu., \$3.50, not prepaid.

**Barn Selected** from breeding patch—Postpaid; Qt., 25 cts.; pk., \$1.00; bu., \$2.50, not prepaid.

**Currituck Horse Tooth.**—The name indicates the shape and depth of the grain. A very deep grain corn, with very large ears and small cob. Besides making one of the most excellent ensilage corns, it produces a splendid yield of grain. Horse Tooth has a fine reputation among dairymen and stock feeders, giving a good length of ear and an abundance of ensilage. Price—Postpaid: Qt., 25 cts.; pk., 95 cts.; bu., \$2.25, not prepaid.

**Improved Golden Dent.**—A corn of much prominence, and for a generation the most generally planted yellow variety. It makes a beautiful ear, and whether on the cob or shelled no yellow corn is more attractive. The grains are deep, medium-wide, and firmly set on a small cob. The shuck is close and completely protects tip against adverse weather. Makes one to two ears to the stalk. Price—Postpaid: Qt., 30 cts.; pk., \$1.00; bu., \$2.75, not prepaid.

**Seed Selection.**—It has always been a wonder to us why many cotton farmers were willing to plant cotton seeds without regard to selection or pedigree. They take it as it comes from the gin, generally mixed, entirely unfit for planting, and regardless whether or not the parent plants were good producers. Cotton seeds for planting are entitled to the same care in selection as is corn—we no longer take the best ears in the corn crib and plant them, but plant well-bred corn that has been selected in the field for size, type of stalk and ear, well covered ear with a good depth of grain. The same care is exercised in breeding up our stocks of cotton seeds. Plant our selected cotton seeds and get the most profit from your planting.

## Selected Cotton Seed

We list below only three of our most popular varieties for this section, due to lack of space in this catalog. We also supply **Simpkins' Prolific**, **Wannamaker-Cleveland**, **Mexican Big Boll**, **Webber 49-4** and other varieties. If the varieties we have described do not include the type you desire we will be glad to have you make it known to us and we will take pleasure in advising whether it can be secured in our territory.

**Cook's Improved Big Boll.**—The Cook is one of the few early maturing types of the large boll cottons recommended by the United States Department of Agriculture for sections of the cotton belt infested or about to be infested by the boll weevil. This cotton grows a hardy, strong stalk, and fruits exceedingly well. It is not a cluster cotton, with heavy, thick foliage, but one that limbs out well, starting close to the ground. It should be planted on average fertile land in about 5-foot rows, and plants spaced about 18 inches apart. It has a good upland short staple,  $\frac{7}{8}$  to 1 inch, and should average about 40 per cent lint turnout at the gin. This variety has been very generally grown in North and South Carolina for several years past, and is rapidly forging to the front as one of the leading varieties of cotton in the sections where it has been grown. The Experiment Station recommends it for the eastern section of this State, and every report tells about entirely satisfactory crops on all but late lands. Price—Postpaid: Lb., 25 cts.; pk., 85 cts.; bu. (30 lbs.), about \$2.00. Write for price on quantity required.

**Mitchell's Re-Improved Early King.**—In sections where the boll weevil is prevalent, where the season is short, or where the land is late maturing, an early cotton is absolutely necessary, even regardless of the size of boll or length of lint. Re-Improved King will make its crop as early as any small or medium boll cotton. This is an improvement on the well-known Early King, and has been selected especially for earliness and prolificacy. It grows a plant about 30 inches high, limbs out and fruits well, and should be planted in 3 to 4 foot rows, with plants spaced about 13 to 15 inches apart. The staple runs about  $\frac{7}{8}$  inch, and the gin turnout of lint approximately 37 per cent. Its greatest value lies in its quick maturity and good quality, making its crop in a short time and opening quickly. This variety is thoroughly dependable and its reputation for earliness and yield make it a most popular and successful type for combating the weevil. Price—Postpaid: Lb., 25 cts.; pk., 85 cts.; bu. (30 lbs.), about \$2.00. Write for price on quantity required.

**Cleveland Big Boll.**—A standard early big boll variety of the medium-large boll type, which has been found to resist the cotton wilt. It grows a hardy plant with scant foliage and produces well on almost any character of soil which is early and suited to cotton culture. Plant in five foot rows and space the plants about 18 inches apart. The staple ranges from 1 to  $1\frac{1}{8}$  inches. The gin turnout runs 38 per cent lint. Our supply of this variety is limited, as our stock is secured from a small area planting the Cleveland almost exclusively. Our stock is ginned by a ginster who handles no other variety, which gives us high grade seed with a minimum of mixture. Order early. Price—Postpaid: Lb., 25 cts.; pk., 85 cts.; bu. (30 lbs.), about \$2.00. Write for price on quantity required.



Cleveland Big Boll Cotton.



# FARMOGERM

Roots Like This Mean  
Bigger Yields—Better Soils.



## That Increases Crop Production and Greatly Improves the Soil

Soil and crop experts agree that for best growth, and to put atmospheric nitrogen in the soil, it will pay all farmers to inoculate all legumes, even where they are at present successfully grown. The cost is trivial when compared with the profit it will bring you. Legumes are clovers, peas and beans, alfalfa, soy beans, vetches, and other plants that grow their seeds in a pod. Their roots are the home of bacteria that draw fertility-building nitrogen from the air and store it in swellings on the roots, called nodules. These nodules not only feed nitrogen to the crop they are on, but rot away in the ground and supply valuable nitrogen to the soil for future bumper crops of corn, wheat, cotton, oats, fruits, etc.

## Economical---Easy to Use

The 1-A size bottle will inoculate: Clovers 15 lbs., alfalfa 20 lbs., Canada field peas 100 lbs., vetch 60 lbs., soy beans 75 lbs.; other sizes in relative proportion. Place seed in a pile, fill bottle with water, add a little sugar, shake and moisten seeds; when dry, plant in usual way. This is infinitely easier, safer and better than the old laborious soil transfer method.

We have a special composite culture for garden peas, beans and sweet peas; ask for No. 5, 50 cts., and you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

**When ordering, be sure to specify the kind of seed you wish to inoculate.** Price—1-acre size, \$1; 3-acre, \$2.50; 12-acre, \$9. Postpaid. Full directions accompany each bottle. We recommend that you use Farmogerm.

## Fertilizers

We carry a complete line of the famous Swift's Red Steer Fertilizers of all grades in any quantities for farm use. "It Pays to Use Them." Get our quotations on the quantities and grades required.

We list below only a few plant foods selected for garden and home use.

**Garden Fertilizer, 5-7-5.**—The most largely used grade for early Irish Potatoes and general gardening. For the convenience of the small family gardener we are offering this brand in small packages. Price—5 lb. sack 25 cts.; 10 lb. sack, 40 cts.; 25 lb. sack 75 cts.; 50 lb. sack \$1.25; 100 lb. sack \$2.25. Not prepaid. Write for prices in larger quantities.

**Nitrate of Soda.**—The most readily available form in which nitrogen can be had. Largely used for forcing vegetables, strawberries, etc., for applying to grass fields after each cutting, producing a strong, healthy growth and wonderfully increasing the yield. Price—5 lbs. 40 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.60; not prepaid. Write for price in larger quantities.

**Raw Bone Meal.**—An excellent fertilizer for trees bushes, plants, lawns, and hay and pasture crops. Dissolves gradually, supplying food steadily during the growing season. Price—5 lbs. 40 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.25; 50 lbs. \$2.20. Write for prices on larger quantities.



**Sulphate of Ammonia.**—A wonderful fertilizer for garden, lawn or orchard. Guaranteed 25 1/4 per cent of ammonia, the highest test of any fertilizer chemical. Ammonia supplies nitrogen, the most essential plant food. One 2-lb. package of Arcadian contains as much nitrogen as 100 lbs. of stable manure or 20 lbs. of sheep manure. No weed seeds, no odor, no lumps. Does not gather moisture. Always fine and dry. Full directions on package. Write for free pamphlets. Price—2-lb. package, 35 cts.

**Perfection Hydrated Lime.**—Sweetens the soil and helps grass, flowers and vegetables grow. Use one pound to 25 square feet. Price—10 lb.-bag, 25 cts.

## Pulverized Sheep Manure



A superior quality of genuine Sheep Manure, dried and sterilized with all weed seeds killed. A concentrated natural fertilizer.

An ideal fertilizer for lawns, gardens, fruit and vegetables. It supplies the soil with necessary plant food and humus to make plants grow luxuriantly. Used

and recommended by landscape gardeners as a general fertilizer for amateur or professional. For lawns and gardens use 5 to 10 pounds per 100 square feet of surface.

A necessity for florists and under glass growers. Sixteen years of use by the florist trade has proven it unequalled for producing vigorous healthy growth and abundant bloom. Price 5 lbs., 25 cts.; 10 lbs., 45 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

## STIM-O-PLANT

### AN ALL THE YEAR FERTILIZER

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is Stim-U-planT, an odorless, highly concentrated plant-food, in tablet form. The proportions are accurate, there is no wasted filler, and in this form you apply plant-food exactly when and where and as needed.

These tablets increase production, heighten color and improve quality immediately. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the Winter for pot plants, hot-house benches, etc. They are as fine for evergreens and other trees as for all garden and potted plants.

Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package. Price—Trial size, 15 cts.; small size, 25 cts.; 100 tablets, 75 cts.; 1,000 tablets, \$3.50.



# Insecticides, Fungicides, Etc.

BUG POISONS CANNOT BE SENT BY MAIL. PRICES SUBJECT TO MARKET CHANGES

**The Sprayer's Manual.**—A text book on spraying and dusting for the growers of fruits and vegetables, mailed free upon request. This book gives full and valuable information on destructive insects and plant diseases, and when and how to control them. Also describes spray materials and gives directions for their use.

**Potato Spray.**—Has the desirable quick-killing properties of Paris Green, the adhesiveness of Arsenate of Lead and the fungus preventative qualities of Bordeaux Mixture. Gets the bugs and blight at the same time. Unlike Paris Green, it remains on the foliage even when subjected to heavy dews or rains and future spraying becomes necessary only to protect new growth as foliage appears. Use 1 pound to 6 or 7 gallons of water. Price—1 lb., 45 cts.; 5 lbs., \$2.00.

**Paris Green.**—Is effective for destroying potato bugs, tobacco worms and other leaf-eating insects. Is a very strong poison, and should be used carefully. Mix 1 pound Paris Green with 50 pounds of plaster or 150 gallons of water. Price—1 lb., 50 cts.; 5 lbs., \$2.25.

**Dry Arsenate of Lead.**—For destroying leaf-eating insects. Sticks to the leaf better than Paris Green and remains longer in suspension; requires fewer applications; does not burn foliage, thus allowing stronger solutions. Use 1 to 2 pounds to 50 gallons of water for general spraying. Price—1 lb., 50 cts.; 5 lbs., \$2.00.

**Dry Arsenate of Calcium.**—Similar in many respects to Arsenate of Lead. It is especially recommended for use on seed fruits, but is liable to cause burning of tender foliage of stone fruits. It is a splendid substitute for Paris Green for spraying potatoes and will be found equally satisfactory and more economical. It is the poison used for dusting on cotton for eradicating the boll weevil. Use  $\frac{3}{4}$  to 1 pound to 50 gallons of water. Price—1 lb., 40 cts.; 5 lbs., \$1.50.

**Dry Lime-Sulphur.**—The most effective remedy for San Jose scale and kindred insects that are killing valuable fruit and shade trees. This material has all the advantages of the liquid preparation, but eliminates the disadvantages and is much less expensive. It mixes with water instantly. For dormant spray use 1 pound to 4 or 5 gallons of water; for summer spraying, 1 pound to 20 gallons of water on seed fruit, 1 pound to 25 or 30 gallons of water for stone fruit. Price—1 lb., 35 cts.; 5 lbs., \$1.40; 10 lbs., \$2.40.

**Dry Bordo.**—The standard Bordeaux fungicide and most effective remedy for all fungus diseases; indispensable for the control of black rot in grapes, blight in cucumbers, melons and potatoes. Also used for apple scab, bitter rot, cedar rust, leaf spot and downy mildew. Use 1 pound to 7 gallons of water. Price—1 lb., 40 cts.; 5 lbs., \$1.50.

**Bordo Arsenate.**—A combination of Bordeaux Mixture and Arsenate of Lead, developed especially to save the grower the time and trouble of making up and combining these mixtures. Especially recommended for fruit trees and garden crops, and is equally as effective on potatoes. Use 1 pound to 7 gallons of water. Price—1 lb., 50 cts.; 5 lbs., \$2.25.

**Slug Shot (Hammond's).** Destroys insects and worms injurious to garden and house plants; Potatoes, Cabbage, Tobacco, shrubs, trees, vegetables and fruits of all kinds. Positively not poisonous and will not injure the foliage. Price—Lb., 25 cts.; 5 lbs. pkg., 60 cts.; 50 lbs., \$5.00.

**Nicotine Sulphate.**—A solution of nicotine and sulphate containing 40 per cent nicotine. A spray for all soft-bodied sucking insects and without injury to the foliage. Price—1 oz. 35 cts. makes 6 gallons of spray;  $\frac{1}{2}$  lb. \$1.25; 2 lbs. \$3.50; 10 lbs., \$13.50.

**Stonecypther's Irish Potato Bug Killer.**—Is used with satisfactory results on Potato, Cucumber, Squash, Cantaloupe, Tomato and Bean vines, Cabbage, etc. Apply lightly. Properly applied, it kills the bugs without damage to the plant. May be

used either as dry powder, direct from sifted top can, or as wet spray, using one pound to 8 to 10 gallons water. Price—1 lb. pkg. 35 cts.; 1 doz. \$3.50.

**Para-dichlorobenzene.**—A safe and most effective control for peach tree borer. For peach trees from 4 to 5 years old, use  $\frac{1}{2}$  to  $\frac{3}{4}$  oz. per tree; 6 years old and over, 1 to 1 $\frac{1}{2}$  oz., applied from first of September to middle of October. Full directions on package. Price—Lb. 45 cts.; 5 lbs. \$2.00; 10 lbs. \$3.50.

**Tree Tanglefoot.**—For protecting trees against climbing insect pests in a simple, economical and effective way. Tree Tanglefoot, a sticky substance applied directly to the bark of the tree. One application remains sticky on the trees three months fully exposed to weather. Easily applied with small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. Price—Lb. can 60 cts.; 5-lb. can \$2.75; 10-lb. can \$5.25.



**Chambers' Anti-Skipper Compound.**—Gives full assurance of not having any skippers on your meat during the year or as long as you keep your meat. Only one treatment required; no sacking or covering of any kind required. Will positively not dry out or toughen the meat. Will preserve and keep the meat tender as nature itself and at the same time will absolutely prevent skippers and insects on meat. Sold under a guarantee to do all we claim. Price—Small can, for 250 to 350 lbs. meats, 50 cts.; large can, for 500 to 700 lbs. meat, \$1.00.

**Red Wing Insect Powder.**—For the destruction of Roaches, Flies, Bed-Bugs, Moths, Mosquitoes, Lice, Ants, Fleas and certain other insects. Harmless, to mankind and animals. In the round bellows box, ready for immediate use. Price 10 cts. and 25 cts. sizes.

## RAT CORN



mummifies them and they simply dry up. Price—25 cts. and 50 cts., sizes.



SAVE MONEY BY  
SAVING CROPS.

It is estimated that rats and mice consume grain each year in the United States alone to the value of more than \$10,000,000. Most of this waste can be saved if Rax is given a chance.

### RAX IS NOT A POISON

While it is absolutely deadly to rats and mice, it is harmless to human beings, domestic animals, poultry and birds. It may be used anywhere with complete safety.

### RATS LEAVE BEFORE THEY DIE

Within a few days after eating bait prepared with Rax rats and mice become feverish and seek the open air where they die—outdoors.

Directions are furnished with each package. Price, 75 cts. per bottle, postpaid.





**HAND SPRAYER—**

Very useful in small gardens, greenhouses, for spraying house plants, poultry houses, etc., applying liquids in a fine mist, with no waste. Distributes Slug Shot, Paris Green and similar dry powders perfectly. By mail postpaid, 60 cts. By express, 50 cts.

**Hand Sprayer.**

**AUTO SPRAY No. 1.**—Accepted as the standard in compressed air sprayers and fully guaranteed by the manufacturers. Useful in spraying trees, crops, whitewash and disinfectants. Recommended not alone because of its durability, but for its efficiency, which is far ahead of any other machine of this type.

**No. 1-D.**—Galvanized tank with Auto Pop. Price, \$7.00.

**No. 1-B.**—Brass tank, with Auto Pop. Price, \$9.00.

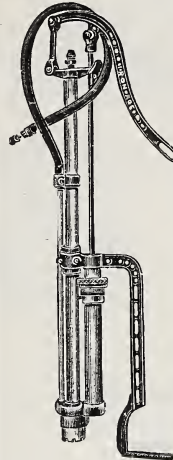
2-ft. Brass Extension, per length, 60 cts.

**Auto Spray No. 1**

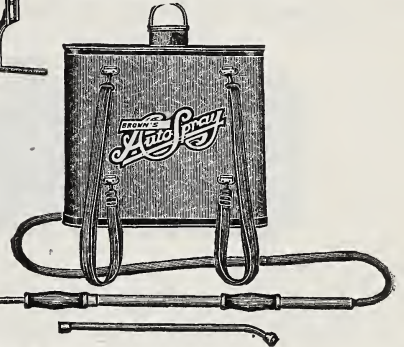
**AUTO SPRAY No. 6.**—A splendid brass bucket pump sprayer with 3 feet of hose; has two nozzles, one to be used when a single stream spray is desired, and one for a mist spray. The pump sprays on both the up and down stroke. Weight 7 lbs. Price \$6.00.

**DUSTER BROWN for dry powder**

A new powder gun for the garden or farm. Automatically ejects a sufficient amount of any dry powdered insecticide or fungicide in a fine, mist-like manner that reaches all parts of growing plants, trees, shrubs, etc. Parcel post weight, 4 pounds. If wanted by parcel post, add postage. Price, \$1.50 each.



**No. R324. Myers Lever Bucket Spray Pump.** made of brass, and fitted with brass ball valves and patented agitator. The cylinder is 1½ inch in diameter with solid plunger. The air chamber is fifty per cent larger than the ordinary bucket spray pump, has malleable iron foot rest and malleable lever. This pump can be operated with one-half the power of the ordinary bucket spray pump, owing to the advantage of the lever handle. This pump can also be used as a barrel spray pump, the head having two holes in for bolting same to the barrel. Cog gear level bucket Spray Pump, with agitator, complete with detachable hose and graduating vermorel, fine, sprinkling and solid stream nozzle. Price, \$7.75.



**AUTO SPRAY No. 5.**—A combination knapsack and bucket pump that will throw any kind of spray from very fine mist to a solid stream. The pump is brass, practically indestructible and will generate 200 lbs. pressure. By detaching hose from tank and attaching the strainer you have a first class bucket pump. Fine for applying water paint, insecticides and whitewash, disinfectants.

**Knapsack Outfit.**—Pump, tank, 2½ ft. of hose, extension pipe and strainer. Price, \$9.50.

**Bucket Outfit.**—Same as above but without tank. Price, \$6.00.

# IRON AGE GARDEN TOOLS

**No. 19-C. Wheel Cultivator and Plow.**

A popular, low-priced tool of great strength. Will do plowing in light soils, will open furrows for seed or fertilizer. Complete set of tools as shown in illustration. The 24-inch wheel travels easily over rough ground. A very practical tool, easily operated by men, women or children, and will last a long time. Price \$5.00.

Send for new booklet, "Modern Gardening with IRON AGE Tools," shows the full line of these celebrated Seeders and Wheel Hoes.

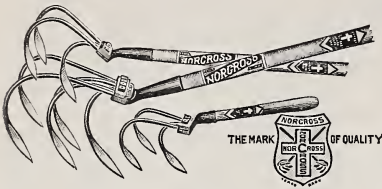
**No. 306 Combined Hill and Drill Seeder, Single and Double Wheel Hoe.**

Sows with wonderful accuracy any small garden or flower seed either in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. Has our latest improved positive force feed. Will not injure seed. Index can be set to sow exactly as you want it. As a seeder, it opens furrow, plants seed in hills or drills, covers seed, packs soil and marks next row, all in one operation. Has long hardwood handles, with full plow-shaped grips. Seed hopper can be easily removed and any of the accompanying tools attached making either a double or single wheel hoe. Capacity of seed hopper, 2 quarts. Price \$19.50.



NORCROSS CULTIVATORS

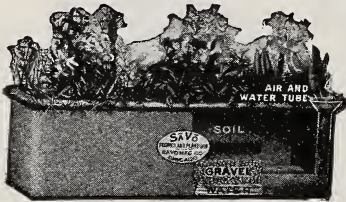
Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp steel prongs are detachable, finely finished, and of great durability. Three sizes and prices.



3-prong Garden Cultivator 85 cts  
5-prong Garden Cultivator \$1.25.  
Midget, 3 prong Cultivator 50 cts.

SAVO

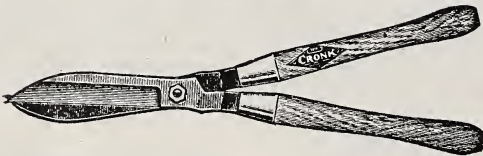
All Year Round Flower and Plant Box



Savo Self-Watering Flower Boxes—the best of this type of flower boxes. Made of the best grade of galvanized steel with neat round corners and a full roll rim—beautifully finished. Send for leaflet.

	Height	Width	Length	Price
Model A,	8 inches,	8 inches,	23 inches,	\$3.00
Model B,	8 inches,	9 1/2 inches,	29 inches,	4.00
Model C,	8 inches,	9 1/2 inches,	35 inches,	4.50
Model D,	8 inches,	9 1/2 inches,	41 inches,	5.00
Model E,	8 inches,	12 inches,	12 inches,	3.00
Model F,	12 inches,	12 inches,	12 inches,	3.50
Model B, with stand.....				12.00
Model G, with stand.....				6.00

HEDGE SHEARS



Straight notched forged steel blades 9 ins. long and offset shanks, with heavy steel hinge bolt; hard wood handles. Price, \$2.50, postpaid.

Hoes, rakes, turning, forks, weeders, hand cultivators, grass hooks, rubber hose, sprinklers, nozzles and other garden and lawn hardware of thoroughly dependable quality are carried by us at all times.

CYCLONE BROADCAST SEED SOWER

The Cyclone is a splendid seed sower that will pay for itself in a few days in the time it will save.



for thick or thin seeding as you prefer. Price—Postpaid, \$3.00.

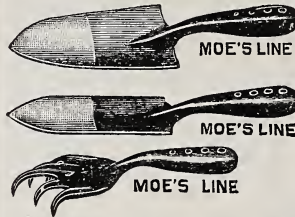
This seeder will sow any of the seeds that are usually sown broadcast, such as clovers, grasses, millet, buckwheat, vetch, turnips and all grains, and will do it more evenly and uniformly than you can possibly seed them by hand. It sows 4 to 6 acres an hour, or about as fast as you can walk. The quantity per acre can be regulated

PRUNING SHEARS



Wiss pattern for grape vines, rose bushes, fruit trees, etc.; extra quality steel blades, pressed steel handles; flat steel spring. Light and durable. Price, \$1.50, postpaid. Connecticut Pattern—Malleable handle; steel blade, with coil spring. Price 65 cts. posrpaid.

ALL STEEL GARDEN TROWELS AND WEEDERS



Heavy pressed steel black enamel finish with polished points. No loose wood handles.  
No. 80 Garden trowel, 6 in. blade. Each, 35 cts.  
No. 81 Transplanting Trowel. Each, 30 cts.  
No. 82 Garden Weeder. Each, 35 cts.  
No. 83 Set of Three Tools, 75 cts.

LAWN MOWERS—KEEN CUTTERS

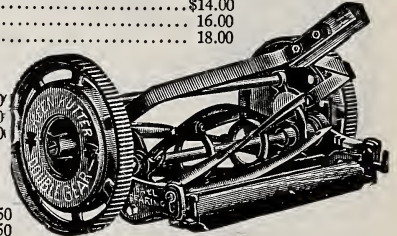
14-in. cut .....	\$14.00
16-in. cut ...	16.00
18-in. cut .....	18.00

OAK LEAF MOWER

14-in. cut ...	\$12.00
16-in. cut ...	13.00
18-in. cut ...	14.00

RUNEASY LAWN MOWER

14-in. cut ...	\$7.50
16-in. cut ....	8.50



FLOWER POTS AND SAUCERS



Standard Red Clay Pots. We pack carefully, but will not be responsible for breakage. Prices include saucers, F. O. B. Elizabeth City.

Size	Ea.	Doz.	Size	Ea.	Doz.
3 in.	\$.05	\$.50	7 in.	\$.35	\$3.50
4 in.	.10	.90	8 in.	.45	4.50
5 in.	.15	1.50	9 in.	.60	6.00
6 in.	.25	2.50	10 in.	.75	7.50

Azalea or Bulb Pots at the same prices. \*Prices on pots alone, saucers alone and other sizes on request.

NEPONSET PAPER POTS

Used for starting plants under glass or in the house.

Very economical; waterproof; can be nested closely for shipping.

Diam.	Doz.	100	Diam.	Doz.	100
2 1/2-in...	\$.15	\$0.75	4-in...	\$.30	\$1.80
3-in.....	.20	1.20	5-in...	.35	2.25
3 1/2-in...	.25	1.35	6-in...	.45	3.00



CAHOON BROADCAST SEED SOWER.



This seeder will sow any of the seeds that are usually sown broadcast, such as clovers, grasses, millet, buckwheat, vetch, turnips and all grains, and will do it more evenly and uniformly than you can possibly seed them by hand. It sows 4 to 6 acres an hour, or about as fast as you walk. The quantity

per acre can be regulated for thick or thin seeding as you prefer. Holds 22 qts. Price—Postpaid, \$6.35.



B. W. QUALITY BABY CHICKS



Each year we sell thousands of baby chicks and experience has taught us that comparison of prices should not be a deciding factor when purchasing baby chickens. Weak, poorly hatched chicks are costly at any price. We offer quality chicks of strong vitality at reasonable prices.

You can count your chicks before they hatch and get them anytime you want them. Place your order early so we can make shipment at the time you want your chicks.

Delivery during February, March, April, May and June.

97 per cent Live Delivery Guaranteed. All delivery Charges Paid.

Variety	25 Chicks	50 Chicks	100 Chicks	Variety	25 Chicks	50 Chicks	100 Chicks
Single Comb White Leghorns....	\$ 4.50	\$ 8.50	\$16.00	Barred Plymouth Rocks.....	5.00	9.50	18.00
Single Comb Brown Leghorns....	4.50	8.50	16.00	White Plymouth Rocks.....	5.50	10.50	20.00
Single Comb Anconas.....	5.00	9.50	18.00	Single Comb Black Minorcas....	5.50	10.50	20.00
Single Comb Rhode Island Reds	5.00	9.50	18.00	Single Comb Buff Orpingtons....	5.50	10.50	20.00
White Wyandottes.....	5.00	9.50	18.00				

Prices Subject to Change Without Notice

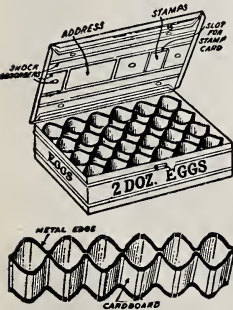
If prices are reduced at the time of shipment the purchaser will be proportionately credited with the amount due or enough additional Chicks shipped to make up the difference or money will be refunded.

Shipping Boxes for Eggs, Chicks and Show Birds

BABY CHICK MAILING BOXES

This box is designed for comfort and safety of contents. It is protective, roomy, handsome—a safe, suitable “Pull-man Car” for fluffy youngsters within. The construction is exceptionally strong, light in weight and well ventilated through holes cut in both the body and cover.

Size	Each	Per Doz.	Per Doz.
25 Chicks, 11x 9x5½.....	\$0.20	\$ 1.60	12 lbs.
50 Chicks, 18x11x5½.....	.25	2.25	16 lbs.
100 Chicks, 22x18x5½.....	.30	3.00	30 lbs.



**New Model Metal Parcel Post Egg Boxes.**—A complete and substantial parcel post box for mailing Eggs and Butter; they are well made of aluminized metal and can be used indefinitely. A space is provided on each box for reversible mailing address and stamps. Has hinge top and fastener. This is by far the best and most complete box for mailing eggs we have ever seen.

	Mailing Wt.	Price.
1½ doz. size.....	3 lbs.	\$1.25
2 doz. size.....	3 lbs.	1.50
3 doz. size.....	4 lbs.	1.75
4 doz. size.....	5 lbs.	2.00
6 doz. size.....	6 lbs.	2.50

REGAL EGG CARRIERS

This “Safety First” box is adapted to either Parcel Post or Express use and can be used time after time. We believe it to be the safest and most durable egg carrier on the market. It is so strong that it will more than bear your own weight, and so safe that when filled with eggs, it will withstand the severest jolt without breaking an egg.



15-Egg Size.....	\$ .20
30-Egg Size.....	.40
50-Egg Size.....	.70
100-Egg Size.....	1.25

SHIPPING COOP DELUXE

High grade. Especially made for shipping show birds. Extra strong, light, durable, will carry any distance. Saves expressage and always delivers the contents in good shape.

	Each
Single size, 22x13x24.....	\$1.00
Double size, 22x19x24.....	1.25
Pen size, 22x23x24.....	1.50



WATER AND FEED CUP

No. 61—Fine for Exhibition coops. Capacity, about 1 pint. Galvanized Cup, Each.....\$ .18



## Poultry Feeders and Mash Hoppers

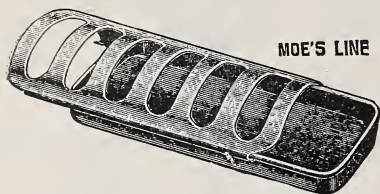


### BABY CHICK FEEDERS

A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

No. 11	Diam., 6 in. (with 8 holes)	Each	\$ .15
No. 12	Diam., 8 1/4 in. (with 12 holes)	Each	.25

### SANITARY FEEDING TROUGHS



MOE'S LINE

Accurately stamped with dies. No sharp or rough edges to injure the chicks. Top slides off, so pan is easily filled and cleaned.

No. 21	Length, 12 in.	Each	\$ .45
No. 22	Length, 18 in.	Each	.65
No. 23	Length, 24 in.	Each	.90

### SINGLE FEEDING TROUGHS

For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top.

No. 55	Length, 12 in.	Each	\$ .35
No. 56	Length, 18 in.	Each	.45
No. 57	Length, 24 in.	Each	.65

### DOUBLE FEEDING TROUGHS

Double trough with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges.



MOE'S LINE

No. 58	Length, 12 in.	Each	\$ .50
No. 59	Length, 18 in.	Each	.65
No. 60	Length, 24 in.	Each	.75

### JUNIOR CHICK FEEDERS



Is practical and sanitary. Will not waste feed. Chicks cannot foul it. Can be used for grain, mash, milk or water.

12 in.	Junior, each	\$1.25
20 in.	Junior, each	.40

### DRY MASH HOPPER

A strictly high quality hopper, properly designed. The curved bottom keeps the feed in easy reach, and the taper shape of the hopper prevents the feed from clogging. Height, 19 inches.

No. 35	Width, 8 1/2 in.	each	\$1.50
No. 36	Width, 12 in.	each	2.00
No. 13	Width 18, in.	each	2.40
No. 37	Width, 24 in.	each	2.80

### SPECIAL MASH HOPPERS

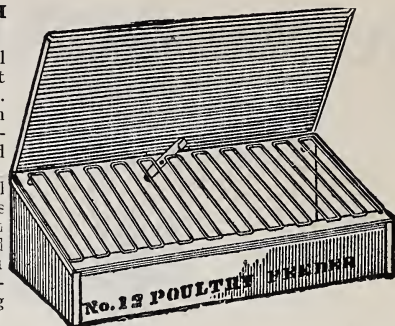
Will not clog or waste. Feeds from the bottom up. Hang on the wall near the floor.

12 in.	Special Hopper, each	\$2.00
20 in.	Special Hopper, each	2.50

### DRY MASH FEEDERS

A practical feeder. Dirt and rat proof. Protected from waste by a specially designed grid. Should be hung on wall as high as fowls can reach with ease. A good cheap feeder for a small colony or growing chickens.

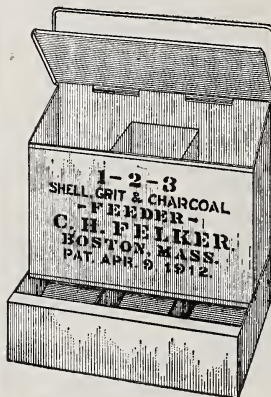
No. 12	Length, 12 in., each	\$ .75
No. 24	Length 24 in., each	1.15



### ONE-TWO-THREE POULTRY FEEDER

For feeding Dry Mash, Scraps, Grit, Oyster Shells, Charcoal or any poultry feed. The separator can be arranged so as you can have one, two or three compartments. When used for one kind of feed take out the separator; for two kinds put separator in one end; when used for three kinds, say scraps, shell and grit, put separator in the middle and you have three compartments.

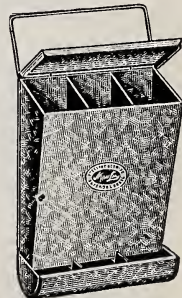
1-2-3 Feeder, small	each	\$ .75
1-2-3 Feeder, large,	each	1.35



### GRIT AND SHELL BOXES

No. 45—A special feed hopper and grit box for baby chicks. Thoroughly well made, no solder used in its construction.

Two Compartments, each	\$ .45
No. 9—Economical and practical for feeding grit, shells, etc., keeps the fowls in prime, healthy condition.	
Three Compartments, each	\$1.00
No. 90—Four Compartments	
each	\$1.25



### FIRELESS OAT SPROUTER

Made entirely of metal. Strong and rigid. Provides the very necessary green feed at all seasons. Healthy chickens and more eggs. The frame is steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five have perforated bottoms to secure proper drainage, and the bottom Pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small place. Total height of frame, 3 feet. Size of pans 16 in. by 18 in. Packed knocked down. Shipping weight 30 lbs. Price, each \$6.00.



### IDEAL POULTRY PUNCH

No. 39—Ideal Punch—A New Improved Punch. Work easily. cuts clean, and does not pinch the foot. Length, 3 1/2 in. Nickel plated. Each \$0.50



### POULTRY PUNCH

No. 38—A popular and practical Punch. Makes a clean perforation and does not bruise the foot. Each \$2.50



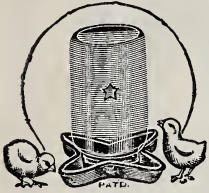


## Poultry Drinking Fountains

### STAR FOUNTAIN AND FEEDER

Made of a single piece of heavy metal. No. solder, no seams, no loose parts. Suitable for feed as well as water. Little chicks can not drown. Fits any Mason jar in 1 Pint, 1 Quart, and 2 Quart sizes.

No. 32—(Glass jar not included), each.....10c



### BOTTOM FILL FOUNTAINS

The round taper shape prevents damage from freezing. Made in two pieces accurately formed. Easily filled and cleaned.

No.	Capacity	Each
19	1 Quart.....	\$ .35
20	2 Quart.....	.45
24	1 Gallon.....	.70



### WALL FOUNTAIN

No. 26A—A practical and convenient fountain. Has removable bottom easily kept clean. Capacity about 1 gallon.

Each.....\$ .75

No. 74—A large fountain, capacity 5 gallons. Made of heavy galvanized iron. Easy to fill and nothing to get out of order.

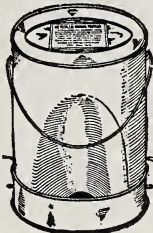
Each.....\$2.00



### PEERLESS WALL FOUNTAINS

Something new and extra serviceable in the way of poultry fountains. They are made with a detachable bottom which makes them easy to clean and keep clean.

1 quart size, each.....	\$ .35
5 quart size, each.....	.90
10 quart size, each.....	1.25



### Duplex Wall Fountain

The latest and most practical sanitary poultry fountain on the market. This is a double wall fountain easy to fill and keeps the water clean and

pure. Made in two sizes.  
1 gallon size, each...\$1.15  
2 gallon size, each... 1.40

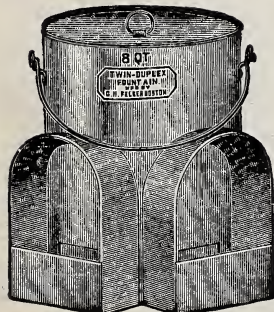
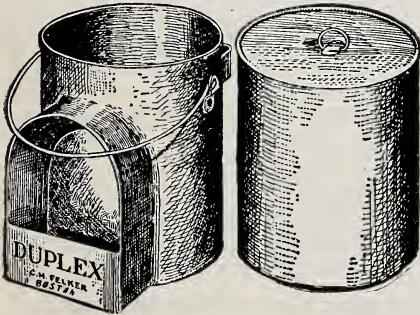
### TWIN DUPLEX FOUNTAIN

Same as above with two drinking spouts.  
2 gallon size, each...\$1.65  
5 gallon size, each... 3.25

### TWO PEN DUPLEX

Same as above with drinking spouts opposite each other.

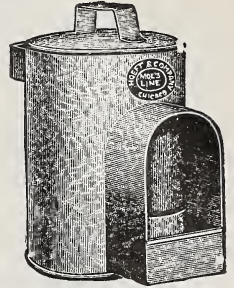
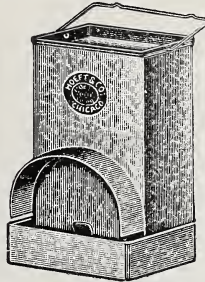
2 gallon size, each...\$1.65  
5 gallon size, each... 3.25



### WALL FOUNTAIN

The covered outlet keeps out dust and dirt, and a removable plate prevents any floating rubbish from being drawn into the reservoir.

No.	Capacity	Each
97	2 quarts.....	\$ .90
98	1 gallon.....	1.10
99	2 gallons.....	1.40



### [DROP BOTTOM FOUNTAIN

Drop Bottom, easy to fill and to clean. Has wire handle and may be hung on the wall out of the litter and dirt.

No.	Capacity	Each
40	2 quarts.....	\$ .95
41	1 gallon.....	1.20
42	2 gallons.....	1.50

### IMPROVED TOP FILL FOUNTAIN

Provides pure, fresh water at all times. Double wall construction retards freezing, and keeps water cool in summer. Fills from top, easily cleaned, and feeds automatically.

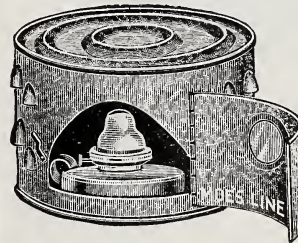
No. 1—1 gallon, each...	\$1.75
No. 2—2 gallon, each...	2.50
No. 4—4 gallon, each...	3.25



### FOUNTAIN AND BROODER HEATER

Burns kerosene, and can be used with all styles of fountains. Solves the problem of a uniform supply of fresh water, no matter how cold the weather. Fine for small brooders. Will burn continuously for 7 days without re-filling.

No. 10. Fountain Heater, each...\$1.90



### CELLULOID COLORED LEG BANDS

Best quality. Made of Celluloid in Six sizes and Ten colors—White, Black, Dark Blue, Light Blue, Red, Pink, Garnet, Green, Yellow, Purple.

(Sizes.)		
Asiatic	12 Bands....	\$ .15
American	25 Bands....	.30
Mediterranean	50 Bands....	.50
Bantam	100 Bands....	.75
	500 Bands....	3.60
	1000 Bands....	7.00
Pigeon	12 Bands....	\$ .10
Baby Chick	25 Bands....	.25
	50 Bands....	.35
	100 Bands....	.50
	500 Bands....	2.25
	1000 Bands....	4.00



### ALUMINUM LEG BANDS



No. 130—Aluminum, with extra large raised numbers. Easy to read, adjustable for any size fowl. Quickly applied.

Price—12 for 15c; 25 for 25c; 50 for 45c; 100 for 75c; 500 for \$3.50; 1,000 for \$6.00.

### SELF LOCKING LEG BANDS

12 bands, any size.....	\$ .15
25 bands, any size.....	.25
50 bands, any size.....	.45





**DR. HESS AND CLARK POULTRY AND STOCK PREPARATIONS**

**Dr. Hess Stock Tonic.**—Aids digestion, makes stock healthy and expels worms; is really a splendid tonic for all kinds of stock. 2-lb. pkg. 25 cts.; 4½-lb. pkg. 50 cts.; 25-lb. pail \$2.25. Postage extra.

**Dr. Hess Poultry Pan-a-ce-a.**—Keeps poultry healthy and makes hens lay; it is not a stimulant, but a tonic that tones up the dormant egg organs. It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. 1½-lb. pkg. 25 cts.; 5-lb. pkg. 75 cts.; 12-lb. pkg. \$1.50; 25-lb. pail \$3.00. Postage extra.

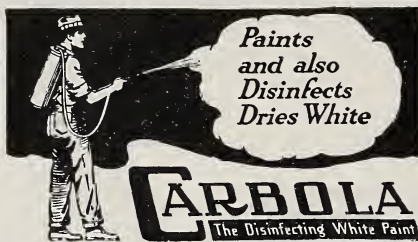
**Dr. Hess Roup Remedy.**—For Roup, Diphtheria, Chicken Pox and all catarrhal diseases; is antiseptic, slightly astringent, non-irritating, and healing. Pkg. 25 cts. (postpaid 30 cts.)

**Dr. Hess White Diarrhoea Remedy.**—An effective remedy for all diarrhoeal diseases for both baby chicks and grown fowls. Pkg. 25 cts (postpaid 30 cts.)

**Dr. Hess Instant Lice Killer.**—Kills lice on poultry, horses, cattle, sheep ticks, bugs on cucumbers, squash and melon vines, cabbage worms, rose bushes, etc. In sifting top cans. Pkg 25 cts. (postpaid 30 cts.).

**Dr. Hess Dip and Disinfectant.**—A good preparation for disinfecting, for killing lice and other vermin, dipping stock, etc. 1-qt. can 60 cts. Cannot mail.

**Dr. Hess Healing Powder.**—The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds. Comes in sifting-top cans. Pkg. 25 cts. (postpaid 30 cts.).



Carbola is a white paint and powerful disinfectant combined in powder form. It is neither poisonous nor caustic. It paints and disinfects in one operation and it can be applied with a brush or spray pump.

Carbola takes the meanness out of the whitewashing job. You just pour some of the Carbola powder into a pail of water and it is ready in a minute of two—absolutely no waiting or straining. It will not clog the sprayer, blister, flake or peel off and doesn't spoil by standing.

Carbola kills disease germs, lice and mites and prevents them from getting a new start. There is nothing better than Carbola to make buildings clean, sweet-smelling and sanitary and it is especially recommended

**For use in**

Cellars, Poultry Houses, Stables, Kennels, Hog Houses, Rabbit Hutches, Creameries, Factories, Warehouses.

The dry powder is also extensively used as a louse powder in all ways that any other louse powder is used.

Prices—2-lbs. trial pkg. 30 cts.; 10 lbs. (10 gals.) \$1.25; 50 lbs. (50 gals.) \$5.00.

**ESSENTIALS OF POULTRY RAISING**

by Dr. B. F. Kaupp

This book should be in the hands of every person keeping a farm or back yard flock. It contains the essentials and underlying principles of Selecting Birds for Breeding, Selecting Laying Hens, Ventilation of Poultry Houses, Constructing Poultry Houses, Constructing the Best Poultry House Equipment, Fencing and Fencing Materials, Contagious Diseases, Poultry Feeds and Feeding, Feeding Layers and Breeders, Candling and Grading Market Eggs, Constructing the Combination Sitting and Breeding Coop, Selecting Eggs for Hatching, Running a Small Incubator, Brooding Chicks, Range Houses, Feeding Chicks, Ducklings, Goslings and Poultry, Fattening and Shipping Poultry, Parasites of Poultry, etc. 138 pages. Price, \$1.20.

**ZENNER PRODUCTS**

**Z-Ennergy.**—A medical poultry tonic scientifically made of pure drugs. Only healthy hens are laying hens. Get your hens in a healthy laying state. Hens in an unthrifty condition need Z-Ennergy, the formula of Dr. B. F. Kaupp, poultry investigator and pathologist, North Carolina State College of Agriculture.

**Dr. B. F. Kaupp**

Breeders of poultry need no introduction to Dr. Kaupp and his work. As an authority on poultry diseases, sanitation and hygiene he is without question the best known in this country and abroad. His efforts as a poultry investigator, author, teacher, contributor to the upbuilding of poultry education has had a marked effect in making poultry a better and more profitable industry.

**Z-Ennergy**—A stimulating, health-building tonic scientifically prepared in proper dosage and made of ingredients to stimulate the reproductive organs and the appetite by increasing the flow of gastric juices and aiding digestion. It's a nerve stimulant—a stimulant to eliminative organs—a completely rounded out preparation of certain benefit to all fowl out of condition.

Z-Ennergy is put up in tablet form. Each tablet is machine sealed in a separate air-tight and moisture-proof compartment, and never exposed until used. This assures the maintenance of full quality of each and every tablet. Impurities cannot reach it. Moisture cannot break it down, nor can rubbing by contact with other tablets result in crumbling. This is a guarantee of full strength of medication and against waste of broken tablets. Price 100 tablets \$1.00 postpaid.

**Chol-Zen.**—A medicine for Diarrhoea of fowls.

Chol-Zen is a scientific medicine containing pure drugs to be absorbed in the blood to kill the germ of white-diarrhoea, cholera and common diarrhoea in chickens, ducks, and geese. Poultrymen everywhere recognizing the real need of a reliable remedy that they can depend upon will welcome this announcement that a medicine containing the right drugs and given in correct dosage as developed by Dr. Kaupp through his extensive research, study and experiment, with these diseases, can now be obtained.

Chol-Zen is put up in tablet form. Each tablet is machine-sealed in a separate air-tight and moisture-proof compartment, and never exposed until used. Price, 100 tablets \$1.00 postpaid.

**Zenoleum Dip and Disinfectant.**—Is essentially a solution of coal-tar creosote oil in soap. It is an efficient insecticide, disinfectant, deodorizer, germicide, and cleaner. It may be used for disinfecting anywhere that carbolic acid is used and will be found much stronger and much safer. Dilute Zenoleum with 70 to 100 parts of water. Used and recommended by 50 of the 52 Agricultural Colleges in the United States. 1-qt. can 75 cts.; 2-qt. can \$1.25; 1 gal. can \$2.00. Cannot mail.

**MACNAIRS' BARNYARD PROTECTOR**

**Destroys Hawks, Crows, and all Barnyard Pests**

Save your chicks, turkeys, guineas and pigeons by feeding them small doses of this powder, according to direction, and the barnyard enemies that kill and eat the entire fowl will surely die. Price 50 cts. and \$1.00. Postage extra.

**SPRATT'S DOG CAKES**

The standard dog food. They will keep a dog in show form and working condition. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs. Carton, 35 cts.; 100 lbs. \$13.00.

**Canary Bird Seed Mixed.**—The best food for canary birds at all seasons of the year. Gives them something to sing about. Pkg. 20 cts.

**Cuttle Fish Bone.**—For canary birds. Each, 10 cts.





# Raise all Your Baby Chicks- Pratts Buttermilk Baby Chick Food

This original "baby food for baby chicks" has taken all the guess, worry and loss out of raising baby chicks. Made of sweet, wholesome, purest ingredients in the most modern poultry feed mill in America and mechanically predigested, it is life insurance for chicks. Millions of pounds of



## Pratts Buttermilk Baby Chick Food



are used annually by successful poultrymen all over the world. Use it for your chicks for the first month or six weeks and watch results. Every ounce is full of bone, muscle, feather and health builders. Chicks grow strong, uniform, vigorous and sturdy, and are free from leg weakness, pasting up and digestive troubles. You'll pay for the food in the chicks you'll save.

Beware of imitations, there are none so good. Pratts is guaranteed to raise every livable chick. Equally good for young turkeys, guineas, ducks, pheasants and game birds. A perfect "baby food" for young fowls.

In packages and 14, 25, 50 and 100-lb. bags.



For birds that are "off their feed," out of condition or need bracing for the show, use

## Pratts Condition Tablets

Keep them on hand always. 25c. and 50c. boxes.

Scaly leg is unsightly and contagious.

## Pratts Scaly-Leg Ointment

Will cure it in a few days. 30c. and 60c. a box.



For "rattling" or "whistling" in the throat,

## Pratts Bronchitis Tablets

furnish quick relief.

25c. and 50c. a box.

**pratts**  
Reg. U.S. Pat. Off.

**PRATTS 51<sup>ST</sup> YEAR OF SERVICE**



# Pratts Handy Chart of Poultry Diseases

## **BRAIN—Congestion of**

Dizziness  
Staggering  
Twisting head  
Use Pratts Poultry Regulator.

## **BRONCHITIS**

Difficult breathing  
Whistling or rattling in throat.  
Use Pratts Bronchitis Tablets.

## **CANKER**

Cheesy patches in throat  
Use Pratts Poultry Disinfectant.

## **CHICKEN POX OR "SOREHEAD"**

Scabs or sores on head and comb  
Use Pratts Sore-head Chicken Pox Preparation.

## **"CHOLERA"**

A term applied to bowel and digestive troubles  
Use Pratts Special Compound.

## **COLDS**

Watery or swollen eyes  
Nasal discharge  
Sneezing  
Use Pratts Roup Tablets.

## **DEPLUMING MITE**

Patches bare of feathers  
Use Pratts Lice Salve.

## **DIPHThERIA**

Similar to roup  
Gray patches in throat  
Fever  
Use Roup Tablets.

## **DIARRHEA**

Use Pratts Special Compound.

## **GAPES (in chicks)**

Gasping, choking, coughing  
Red, thread like worms in windpipe  
Use Pratts Gape Compound.

## **INDIGESTION**

Watering at mouth  
Darkened comb  
Use Pratts Special Compound.

## **LEG WEAKNESS (in chicks)**

Too high brooder-heat  
Improper food  
Use Pratts Baby Chick Food.

## **LIVER DISEASES**

Listlessness  
Darkened comb  
Use Pratts Poultry Regulator.

## **"PASTING UP" (in chicks)**

Chilling  
Improper feeding  
Use Pratts Baby Chick Food

## **"PIP"**

Cough  
Hardened tongue  
Use Pratts Condition Tablets

## **RHEUMATISM**

Lameness  
Swollen joints  
Use Pratts Liniment

## **ROUP**

Nasal discharge  
Foul odor  
Swollen eyes and face  
Use Pratts Roup Tablets.

## **SCALY LEGS**

Scaly, rough legs  
Use Pratts "Scaly" Leg Ointment.

## **VENT GLEET**

Sore vent  
Offensive discharge  
Use Pratts Poultry Disinfectant.

## **WHITE DIARRHEA (in chicks)**

Sleepy, droopy  
Short backs, long heads  
Use Pratts White Diarrhea Tablets

## **LICE**

Restless, picking  
Shaking heads  
Unthriftiness  
Use Pratts Powdered Lice Killer or  
Pratts Lice Ointment

## **RED MITES**

Pale combs, weakness  
Loss of weight  
Use Pratts Red Mite  
Special.

**pratts**  
Reg. U.S. Pat. Off.

**PRATTS 51<sup>ST</sup> YEAR OF SERVICE**





# Successful Poultrymen Use Pratts Poultry Preparations

## For Health and Eggs **Pratts** Poultry Regulator



has no equal. It is the world's original poultry regulator and has been the standard for over 50 years. It is a natural tonic supplying numerous health necessities required by heavy laying hens. Tones up system, regulates bowels aids digestion, sharpens appetite, wards off disease and increases vitality. Use it the year round for breeders, layers and growing stock.

25c., 50c., \$1.10 packages; 12 lb. pail, \$1.65; 25 lb. pail, \$3.00; 100 lb. drum, \$10.00.



## **Pratts** Powdered Lice Killer

is powerful, economical, non-poisonous and non-irritating. For use on poultry, in dustbaths, nests, etc. Rids poultry of all ages, dogs, cats, horses, cattle, hogs and sheep of lice, ticks and other insect pests. Can also be used on vines, plants and flowers.

In sifter top cans at 25c. and 50c.

## Cleanliness Means Poultry Health

### **Pratts** Poultry Disinfectant

insures poultry health. It is a cheap, powerful, non-poisonous disinfectant. Spray it about poultry houses, roosts, dropping boards, nests and wherever a strong disinfectant is needed. A deodorizer, germicide and liquid lice killer. Effective in the treatment of roup, cold and contagious diseases.

Quart, 55c.; half-gallon, 90c.; gallon, \$1.50.



## Save Your Birds from Heavy Roup Losses



### **Pratts** Roup Tablets (or Powder)

Use it as a treatment or a preventive. A simple, powerful remedy with a long record of success in the treatment of colds, roup, diphtheria, catarrh, etc. Guaranteed to give satisfaction or your money back.

25c. and 50c. packages.



**PRATTS 51<sup>ST</sup> YEAR OF SERVICE**



# Pratts Perfect Poultry Feeds Make Chicks Grow and Hens Lay

**Pratts** are the highest quality poultry feeds made in America. Backed by over 50 years experience with poultry, with every ingredient carefully selected and processed in the most modern poultry feed mill in the United States they are scientifically and practically correct. Pratts feeds give results when others fail and are better than the best you ever used. There is a Pratt feed for every poultry need and every age of fowl. Start your birds on Pratts and follow the Pratt system if you want real success and profit.

Start your chicks on

## **Pratts Buttermilk Baby Chick Food**

(See opposite page for description)

and after the husky little fellows are about a month old switch them to



## **Pratts Buttermilk Growing Mash**

Made of the most wholesome ingredients, it supplies an abundance of every element needed for making bone, muscle, feathers and health. Insures vigor and quick, uniform growth. Feed Pratts Buttermilk Growing Mash and watch them grow. When they are matured give them



## **Pratts Buttermilk Laying Mash**

the food that "makes eggs." Every ounce is real food that nourishes and keeps your hens laying and healthy. It is so appetizing the hens eat it greedily and the more they eat the more they lay. You fill the hopper and the hens will fill the nest. Fine for moulting hens and breeding stock. Most economical judged by eggs and profit. Pratts is a real "laying mash." There is none "just as good."



**Pratts** Scratch Feeds are good clean feeds with no grit, dirt, charcoal, shell or other cheap or useless filler. There is a Pratt Scratch Feed to be used with every Pratt Buttermilk Mash, with which they form perfect balanced rations. Sweet, clean, honestly made feeds.

**Pratts** Chick Size Scratch Feed for Baby Chicks.

**Pratts** Intermediate Size Scratch Feed for growing and Laying Stock.

**Pratts** Large Size Scratch Feed for Laying Hens.





## Have a Conkey Corner in Your Poultry House

Raising poultry is pleasant and profitable when "good luck" is with you. Good luck, however, is not merely a matter of chance, but of BEING PREPARED. For more than twenty-five years Conkey has been THE POULTRY DOCTOR. Take his advice. Install a Conkey Corner of remedies in your poultry house as insurance against disease, trouble, loss and disappointment.

We sell Conkey's Poultry and Stock Remedies because we know they are reliable and we can guarantee them as follows:

*Your money refunded cheerfully if any Conkey remedy does not satisfy.*

CONKEY'S POULTRY BOOK FREE if you call at our store, or mailed for 6 cents in stamps.



## Conkey's ROUP REMEDY



When Roup breaks out there's no time to experiment—start treatment at once—the disease is very contagious. Cold, rainy weather and changeable conditions intensify Roup. When birds sneeze, froth in eyes, or run at nose put Conkey's Roup Remedy in the drinking water. Sick birds doctor them-

selves and others are protected from catching the disease. Better still, always at the first sign of "roupy weather" place Conkey's Roup Remedy in fountains—it's a great preventive.

Packages: 30c, 60c, \$1.20; 1½ lb. can \$2.50; breeder size (5-lb. can) \$5.75. All postpaid.

### Conkey's Roup Pills

For treating individual cases and for use at shows when birds develop colds. These pills have saved many a valuable bird.

Packages: 30c, 60c, \$1.20, all postpaid; breeder size (1000 pills) \$3.00; or \$3.10 postpaid.

### Conkey's Canker and Bronchitis Remedy



This splendid remedy checks cankerous growths and sores and soon restores the bird to normal. This remedy is Conkey's Specific for bronchitis. Also desirable in treating individual cases of Roup and for use at shows for colds.

Package 50c postpaid.

### Conkey's Cholera Remedy



So-called Cholera, bowel troubles, indigestion, diarrhea and kindred ailments often kill a whole flock in a few days. Diarrhea, a drowsy, listless appearance and great thirst—these are the signals to put Conkey's Cholera Remedy in the drinking water.

Packages: 25c, 50c, \$1.00, all postpaid; breeder size 5 lbs., \$2.50; or \$2.65 postpaid.

## Conkey's FLY KNOCKER For Cows and Horses



Dairymen, horsemen, cattlemen and sheep raisers declare this to be the best investment they make—animals free from insects do better in milk and butter fat production, while growing stock unquestionably fattens faster when relieved from disease-spreading insects.

Conkey's Fly Knocker for many years has held the confidence of persons having animals under their care

as an "always reliable" repellent. Conkey's is not a "cheap" product when the price is compared with inferior imitations, but many declare it to be very economical because of its superior lasting qualities.

We sell Conkey's Fly Knocker on this guarantee:

*Buy a can, try it for 15 days, then if you are not satisfied we will refund your money.*

Cans: qt. 60c; ½ gal. 90c; gal. \$1.50; 5 gal. \$7.25; 10 gal. \$14.00. Parcel post, express or freight extra.

DONT BREAK THE CONKEY CHAIN





# Conkey's POULTRY TONIC

Every bird from chick to maturity will be more productive, healthier and more profitable if given a good tonic and regulator. Conkey's Poultry Tonic helps birds to get more out of their feed; they produce more eggs and better flesh on LESS FEED, through better digestion and assimilation.

Conkey's Tonic is all medicine—free from filler, red pepper, and "hot stuff" to overstimulate the birds and break down their health. Conkey's builds on a natural healthy basis, inducing steady and persistent laying. Keeps the young chicks growing, makes molting easy, strengthens the bird for bad weather and generally maintains a high health average.

Buy it by the pail. Packages: 25c, 50c, \$1.00; pails, 12-lb. \$1.60; 25-lb. \$3.00; bags, 50-lb. \$5.00; 100-lb. \$9.50. Parcel post, express or freight charges extra.



## Conkey's Gape Remedy

Don't try to extract gapes with a wire or feather when you can get such an effective remedy as Conkey offers. This remedy comprises two powders—both in same box for one price—one sifted over chicks causes them to dislodge the worms in windpipe by coughing, the other is a tonic powder which is mixed in the feed—to help the bird build up its resisting powers.

Pkgs: 25c, 50c; or 30c, 55c postpaid.



## Conkey's Limberneck Remedy

For limberneck (or ptomaine poisoning) this remedy should be on hand in your Conkey Corner at all times as Limberneck must be treated promptly.

Pkgs: 50c; or 55c postpaid.



## Conkey's Poultry Conditioner

Highly concentrated fowl-regulator, blood-purifier and nerve food, to build up birds in a rundown condition or for fowls recovering from disease. Splendid for putting birds in condition for shows, and sustaining them during exhibition.

Pkgs: 25c, 50c; or 30c, 55c postpaid.



## Conkey's NOX Solidified Disinfectant and Stock Dip

Here is a high grade disinfectant in solid form. A little cube—only an inch square—mixed in water makes a gallon of dip or disinfectant with a co-efficient of 5.25, making it 2 to 3 times as strong as most coal-tar disinfectants.

Conkey's Nox is made of imported oils—noted for their uniformity—and concentrated by an exclusive, patented process. It is of a nature similar to Conkey's Nox-i-cide, but in a condensed, easily-handled form.

Packages: 6 cubes, 25c; 15 cubes, 60c; 30 cubes, \$1.00; 75 cubes (2½ lbs.) \$1.75; 150 cubes (5 lbs.) \$3.25. Parcel post, express or freight extra.

Ask for special prices on larger quantities.



## Conkey's Scaly Leg Remedy

This ointment applied to birds' legs in a few treatments will kill the parasites responsible for the trouble and heal up the legs with a healthy lustre.

Package 25c postpaid.

## Conkey's Stock Tonic

A general conditioner of real merit for live stock.

Packages: 25c, 50c; pails, 12 lb. \$2.10; 25 lbs. \$3.45; bags, 50 lb. \$5.25; 100 lb. \$10.00. Parcel post, express or freight charges extra.

# Conkey's LICE POWDER

(Contains Sodium Fluoride)



For dusting hens, nests, growing chicks—wherever body lice must be overcome.

Packages: 20c, 35c, 75c; pails 12-lb. \$2.60; 25-lb. \$5.00. Parcel post, express or freight extra.

## Conkey's Mite Liquid

For painting roosts, fittings, inside of house, nest boxes and wherever mites congregate.

Cans: qt. 60c; 2-qt. 90c; gal. \$1.50; 5-gal. \$7.00. Parcel post, express or freight extra.

## Conkey's Head Lice Ointment

For overcoming and preventing the murderous head louse which "eats up" baby chicks.

Packages: 10c, 25c, postpaid.

## Conkey's Lice Fix

A preparation in ointment form for fighting body lice. One application lasts a month.

Packages: 25c, 50c postpaid.



# Conkey's NOX-I-CIDE

## DIP AND DISINFECTANT



Every poultry yard, farm, home, factory, stable, store, office building—in fact, every place where sanitation is necessary to health—needs Conkey's Nox-i-cide every day in the year.

For poultrymen, Conkey's Nox-i-cide has a large variety of uses as a disinfectant and germicide. It is approved by poultry experts everywhere.

For spraying during the "weekly clean-up," as a preventive of disease and a help in keeping down red mites, ticks, blue bugs, etc., Conkey's Nox-i-cide is practically unexcelled. In fact, some poultrymen declare it to be indispensable, since proper sanitary conditions are the very foundation of successful poultry operations. In addition, Conkey's Nox-i-cide is very effective for washing incubators, brooders, fountains and other utensils.

Conkey's Nox-i-cide is also widely used and highly recommended as a dip for hogs, sheep, cattle and other animals. Swine owners are generous in their praise of Conkey's Nox-i-cide for fighting hog lice, both as a dip and as a disinfectant for wallows, houses and general uses.

Try Conkey's Nox-i-cide for household uses—for assisting in driving out ants, destroying odors, routing out bedbugs and cockroaches, for making sinks, cess-pools, garbage containers, etc., sanitary and safe.

A money-back guarantee covers Conkey's Nox-i-cide as well as all other Conkey products. Take a can home and if you are not satisfied we will refund your money.

Cans: Pint 50c; Quart 80c; ½ Gallon \$1.30; Gallon \$2.00; 5 Gallons \$9.25; 10 Gallons \$17.75. Parcel post, express or freight charges extra.

Ask for Prices on Sprayers



### Conkey's Sorehead Remedy

For dangerous, contagious sorehead or chicken pox, pigeon pox, warts and pian. Attacks the trouble from two angles—a powder for the blood and a salve for the sores.

Packages: 25c, 50c; or 30c, 55c postpaid; breeder size (1 lb. salve, 5 lb. powder) \$3.50; 10 lbs. powder only, \$3.50; or \$3.65 postpaid.



### Conkey's Blackhead Remedy

Turkey breeders should have a package on hand as Blackhead is deadly in advanced stages. Should be given regularly to growing poults.

Packages: 50c; or 55c postpaid.



### Conkey's Poultry Worm Remedy

This prescription rids birds of many troublesome worms, thus promoting a return to healthy conditions. Give it as soon as you suspect worms—it will help the whole flock.

Pkgs: 25c, 50c; or 30c, 55c postpaid; breeder size, (5 lbs.) \$2.75; or \$2.85 postpaid.



### Conkey's Poultry Laxative

Wherever a laxative or purgative is needed this remedy is just the thing for birds—by varying the dosage you can produce either a mild or a strong effect. Works without a debilitating after-effect.

Experts say, and we have found through experiments, that a poultry laxative given every week or two not only keeps birds in better condition but also increases the egg yield very materially. If you are not employing this method, try it and be convinced.

Pkgs.: 25c, 50c; or 30c, 55c postpaid; breeder size (5-lbs.) \$2.75; or \$2.90 postpaid.

# Conkey's White Diarrhea Remedy



Once you have used this old reliable preparation, you will never be without it. As a preventive of bowel troubles, White Diarrhea and other digestive complaints, it has given great satisfaction for many years.

After getting a start diarrhetic conditions often sweep away the whole hatch—hundreds of chicks. Play safe—keep this remedy in the drinking water until the danger period is past.

This remedy is also recommended as a preventive measure and in treatment of coccidiosis, a diarrhetic condition which attacks chicks similarly to White Diarrhea, but which differs from White Diarrhea in that a principal symptom is bloody droppings rather than white.

Pkgs: 30c, 60c, \$1.20, all postpaid; breeder size (1200 Tablets) \$4.00; or \$4.10 postpaid.

DONT BREAK THE CONKEY CHAIN



# Symptoms of the most prevalent Poultry Diseases and Ailments

*Preserve this Circular. Knowing how to tell what is wrong may save your whole flock some day.*

## ROUP

Nostrils closed. Running at the nose.  
Face swollen. Comb pale.  
Whistle or sneeze when breathing.  
Breath with Catarrhal odor.

## WHITE DIARRHEA

Chick droops wings.  
Eye listless and chicks generally weak.  
First symptoms usually a white, chalky deposit on down below the vent.  
Severe diarrhea; droppings gummy.

## CANKER

Hard swelling on face.  
Yellow or cheesy growth may show in roof of mouth.  
Eye distended. Breath foul.

## BRONCHITIS

Fowl rattles, not sneezes, when breathing.  
Labored breathing.  
Eyes bright. Comb bright.

## CATARRH

Gummy deposit around nostril.  
Froth in eyes.  
Frequent shaking of head due to irritation.  
Similar to roup; in fact, usually forerunner of roup.

## DIPHTHERIA

False membrane in nostrils, throat, mouth and eyes.  
Foul odor not like roup.  
Membranes bleed when removed.

## PIP

Tip of tongue hard. Nostrils usually closed.  
Breathe through mouth.

## PNEUMONIA

Rapid and labored breathing.  
Bloody mucus may show at corner of mouth.  
Comb dark red or bluish.  
Bird sleepy or in a comatose condition.

## CHOLERA-LIKE DISEASES

Comb dark or bluish. Fowl sleepy.  
Feathers rough. Flesh clammy and bloodless.  
Droppings showing canary yellow and possibly at times a brown mucus.  
Constant diarrhea.  
Breath bad and general dejected condition.

## SOUR CROP

Crop distended. Soft and full of foul water.  
When handled bird belches.  
Discomfort plainly visible.

## CROP BOUND

Great discomfort. Crop solid and distended.  
Bird ravenous and constantly crowding the crop.

## BLACKHEAD

Usually develops in young turkeys.  
Marked diarrhea. Lack of interest in food.  
Head dark in color. General dejected condition.  
Wings drooped; legs weak, feathers ruffled.

## TUBERCULOSIS

Lack of life. Rapidly loses weight.  
High temperature.  
Usually violent diarrhea.

## LIMBERNECK

Fowl loses partial or complete control of its neck.  
Bird weak and head drags on ground when it attempts to walk.

## GAPES

Chick gapes constantly. Rapidly weakens.  
Stands with eyes closed.

## CHICKEN POX or SOREHEAD

Dark, warty spots on comb and face.  
When removed, discharge a yellowish liquid.

## FAVUS

Scaly gray spots on comb and face.  
Grow in numbers until entire comb, face and neck are covered.

## RHEUMATISM

Stiff joints. Muscles contracted.  
Toes sometimes drawn under foot.  
Bird walks stiffly and lame.

## BUMBLEFOOT

Foot swollen. Hard calloused place on bottom of foot.  
Foot very sore and may be very dark or bluish above the toes.

## COCCIDIOSIS

Attacks chicks and old fowls.  
Dullness, Weakness, Sleepiness, Diarrhea.  
Loss of weight. Bloody droppings.

## LEG WEAKNESS

Chicks wobble on legs. Sit down to eat.  
Drag along on hocks.

## INTESTINAL WORMS

Wasting away. Slight Diarrhea. Worms in droppings.  
Fowls mope. Dull. Listless.

## CONSTIPATION

Dullness. Loss of appetite.  
Birds stand with arched back.  
Walk with difficulty.

## BROODER PNEUMONIA

(Aspergillosis)

Slight catarrh. Fast breathing. Chicks mope.  
Emit croupy sound. Weakness. Fever.  
Drooping wings. Excessive thirst.

## LICE, MITES, TICKS, FLEAS

Restlessness.  
Fowls pick and scratch selves.  
Grow listless and thin.  
Little chicks suffer bowel trouble and wings droop.

## LIVER TROUBLE

Comb and wattles fade, gradually changing to dark red or purple.  
Loss of appetite. Sluggishness.

## Conkey's 80-Page Poultry Book FREE

Describes diseases in detail, prescribes treatment; tells how to raise poultry; housing, culling of hens, feeding, how to raise chicks, etc. Ask at store for free copy or send 6c to us or to The G. E. Conkey Co., Cleveland, Ohio.



**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**



**Extra Order Sheets and Return Envelopes Furnished on Request.**

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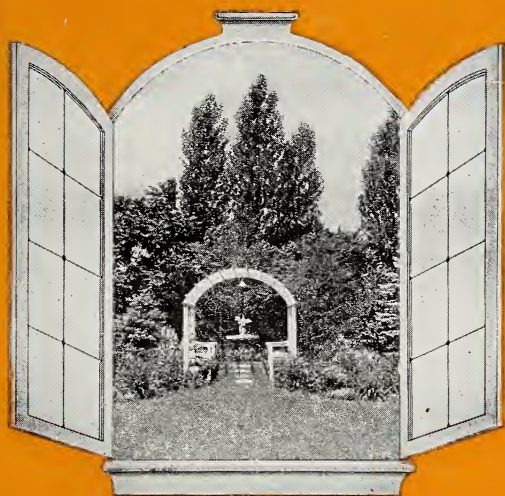
By carefully checking this list before sending your order, a great saving may be made in transportation cost, and you may also find that an important and an immediate necessity has been omitted.

Garden Seeds	Lawn Grass	Inoculating	Sprayers	Poultry Foods	Poultry Remedies
Field Seeds	Fertilizers	Cultures	Garden Tools	and Supplies	Incubators and
Flower Seeds	Bulbs	Insecticides	Seed Sowers		Brooders

**When Ordering Write Below** The names of several of your neighbors or friends who have not received our catalog but who you believe might order from us. For your kindness we shall be glad to send you some extra seeds along with your order.

[illegible]





**WIZARD**  
TRADE MARK  
**BRAND**  
PULVERIZED  
**Sheep Manure**

*For Everything  
That Grows*

*Fall is the time to use Wizard*



# Wizard Sheep Manure Makes Beautiful Lawns and Gardens

**I**F YOU want a more beautiful lawn and garden, plan to do most of your garden work in Fall instead of Spring. Fall planting in a rich fertile soil is, according to successful gardeners, the real secret of success. So plant everything you can in Fall—and let your first thought be the preparation of a rich fertile soil to develop the full possibilities of your garden.

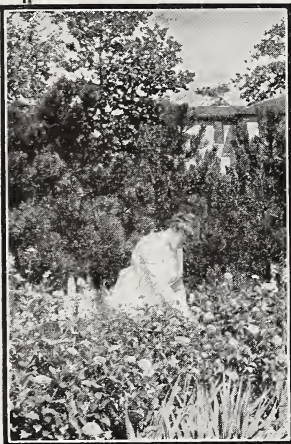
## The Best Lawns Are Made in the Fall

Fall is nature's time to sow grass seed and experts claim that the only way to secure a thick turf of the finer and more desirable grasses is to make your lawn in Fall as these grasses develop best during the cool Fall months. Many failures in lawn making are due to the hot dry summer weather following close upon late Spring sowing. Make changes that you have planned and plant perennials and shrubs in their permanent location. Set out fruit trees and bushes and if you want a beautiful display of tulips and other bulbs next Spring, you must plant now. All Fall work insures an established planting ready to start off rugged and strong with the first breath of Spring, fully a month or more before you can begin any planting in Spring.



## A Fertile Soil Insures Success

Whatever you do, don't forget the needs of your plants, because you cannot get results on a poor wornout soil. Wizard Sheep Manure improves the soil and gives it just what it needs to make plants grow to perfection. Wizard is economical, convenient and absolutely weedless. One bag will prove as effective as a **WHOLE WAGON LOAD OF STABLE MANURE**. Use Wizard this Fall and you will have a better lawn and garden next Spring.



*Beware of the inferior substitutes now on the market, which are being sold as Sheep Manure. If you want results and the best Sheep Manure on the market — insist on Wizard Brand. Wizard is genuine Sheep Manure and you can depend upon it for results.*



**Don't Plant Without Wizard Brand**









**WIZARD**

TRADE BRAND MARK  
PULVERIZED

## Sheep Manure

### DIRECTIONS:

Wizard is the safest and most effective manure for all plants. Use it according to directions and you will marvel at the increased beauty and productiveness of your plants.

In making new lawns, pulverize the surface soil well and broadcast at the rate of 6 to 10 pounds per 100 square feet, raking well into the surface soil. Sow seed and roll.

For renovating old lawns, use 6 pounds per 100 square feet and rake into the surface soil previous to sowing seed.

For garden planting, mix a small handful with the soil when planting each bulb and plant—larger amounts for shrubs and trees.

For making potting soil, mix thoroughly one part of Sheep Manure with six parts of soil.

Liquid Manure—for house plants and window boxes—is made by mixing one pound of Sheep Manure in five gallons of water. Use twice weekly.

Wizard in 2, 5 and 10 pound sealed bags will be found very convenient for house plants and window boxes.

**Be sure you get Wizard**

**BUXTON WHITE SEED CO.**  
Elizabeth City, N. C.



# Insure YOUR Poultry Profits—Use a QUEEN

**BIG HATCHES OF STRONG, HEALTHY CHICKS THAT LIVE AND GROW**

For 23 years a leader among high grade machines. The best high grade moderately priced incubator in America.

Every manufacturer claims his machine is the best. The most extravagant claims are often made for the cheapest and most flimsy machines. Unfortunately, there is at present no law to protect the public against irresponsible exaggeration, and it is wise for you to make some investigation into the quality and reputation of an incubator before you spend your money for it.

Don't buy an incubator until you check up specifications very carefully and compare them with the Queen. Big Queen catalogue sent free on request.

## Stop Hatching Weak Chicks with Cheap Incubators

A Queen costs no more than other good incubators, and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you hatch that counts, but how many you raise. Chicks that hatch out weak and wobbly, and live but a few days, mean nothing to you but trouble and loss. They make one sick of the poultry business.

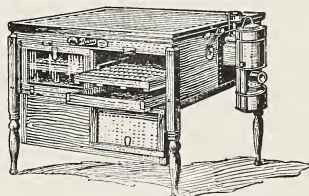
Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start. Queen Incubators are famous the country over for big hatches of strong, healthy chicks that live and grow.

All Queen Incubators are made of genuine California redwood equipped with solid copper tank.



### No. 4 QUEEN 275-Egg Capacity

A Queen of generous capacity and with a reputation of invariable hatching success not borne by any other machine. Like all the Queen machines, the No. 4 is easily regulated and stays regulated with the least possible attention. Anyone desiring an absolutely dependable incubator of good capacity will make no mistake selecting the Queen, for it is all its name implies.



### PRICES ON QUEEN INCUBATORS FOR 1924

STYLE K QUEEN INCUBATORS	Capacity	Price.
No. 20 .....	70 Eggs	\$16.50
No. 21 .....	130 Eggs	27.50
No. 22 .....	220 Eggs	36.75

QUEEN INCUBATORS	Capacity	Price
No. 1 .....	85 Eggs	\$27.50
No. 2 .....	135 Eggs	37.50
No. 3 .....	180 Eggs	44.50
No. 4 .....	275 Eggs	57.75
No. 5 .....	400 Eggs	68.00
No. 25 .....	600 Eggs	103.00
No. 35 .....	800 Eggs	132.00
No. 45 .....	1000 Eggs	157.00

## Queen Indoor Lamp Heated Brooder

Queen Indoor Brooders are made of one-inch lumber; corner joints and floor edges are mortised and lock nailed. The floor is tongued and grooved, being held rigidly in place by the frame work which forms a band around the floor.

The lamp is encased in a sheet iron box directly under the heater drum. The floor within the brooder slopes slightly upward from the front, the highest part of the slope coming under the heating drum. In this way fresh air is provided from the lamp, which is in a separate compartment and does not rob the brooder chambers of the fresh air needed for the chicks.

The floor space is divided by heavy felt curtain into two compartments, the brooding room and the sun parlor. Two doors are provided at the top, one of which is glass, in order to admit light. Opening these doors makes easy the way to thoroughly clean the brooder.

These machines come in two sizes, as follows:

No. 7—125-chick size, \$19.50 No. 8—165-chick size, \$22.75

## Queen Colony Brooders

**BEAT THE HEN—AT HER OWN GAME**

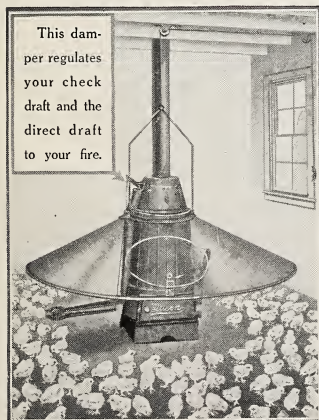
They furnish a soft, radiant, healthy heat, that raises all the young chicks and starts them through life with a husky constitution that makes a "troubleless" flock.

The Queen Colony Brooder Stove is a new and improved design. The chick rests on top of the stove and opens outward when the fire is too warm thus providing a gentle inflow of air to retard the heat. The damper, which increases the heat, opens at the top, above the canopy and the draft is placed directly under the grates by a channel at the side. Both check and draft dampers are cast together and operate together, with the same motion of the thermostat. The canopy is collapsible for storage out of the way when not in use.

The Queen Stove burns any kind of fuel, hard or soft coal, coke or charcoal with equal success. We recommend the chestnut sizes. Of course, hard coal will not cause the smoke pipe to become dirty quite so quickly, but it will give no better heat.

No. 1—600-chick size, \$21.50.

No. 2—1200-chick size, \$26.50





ZINNIA



COSMOS



PETUNIA



MARIGOLD



HOLLYHOCK



MORNING GLORY



This Useful and Orna-  
mental Collection of

B. W. QUALITY  
FLOWER SEEDS

**50 Cents Postpaid**

Will make a garden full of flow-  
ers until frost.



Free Premium Offer

We will include this  
collection of 10 packets of Flower  
Seeds, as shown, free with any or-  
der for Garden or Flower Seed  
amounting to \$5.00, if requested.

PANSY



CANDYTUFT



ASTER



NASTURTIUM

